



Remedial Investigation Report
City of Durham Parks – Northgate Park, NONCD00000825
300 West Club Blvd. & 404 West Lavender Ave.
Durham, Durham County, North Carolina
Task Order RI-9A
S&ME Project No. 23050630

PREPARED FOR:

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

PREPARED BY:

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

April 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 via email: kevin.kelt@deq.nc.gov
Hydrogeologist

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-9A
S&ME Project No. 23050630

Dear Mr. Kelt:

S&ME, Inc. (S&ME) is submitting this report summarizing the results of the Remedial Investigation Waste Delineation activities conducted at the above-referenced site in Durham, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposal No. 23050630BM, dated September 30, 2025, for Task Order 825RI-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

Sincerely,

S&ME, Inc.

A handwritten signature in cursive script that reads "Rachel Moore".

Rachel Moore
Environmental Staff Professional
RachelMoore@smeinc.com

A handwritten signature in cursive script that reads "Gerald Paul".

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

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

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

2.0 Landfill Gas Assessment

2.1 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 November 4, 2025, landfill gas probes and implants were screened for landfill gas. **Figure 2** shows the data from the field screening event. Portable meters were used to collect the following parameters at each LFGP and LFGI and background screening location:

- Landfill Gas Meter – GEM5000 PLUS for the following:
 - o methane: 0-100%, +/- 0.3% to 1.5% accuracy
 - o hydrogen sulfide: 0-500 parts per million-volume (ppm-v), with +/- 2.0% accuracy
 - o carbon dioxide: 0-100%, +/- 0.5% to 1.5% accuracy
 - o oxygen: 0-25%, +/- 1.0% accuracy
 - o 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

VOCs were not detected in any of the LFGPs nor in any of the background screening locations. Screening was done at LFGP locations LFGP-2, LFGP-3, LFGP-4, and LFGP-5 where the water table was low enough for screening.

2.2.2 Methane

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

2.2.3 Hydrogen Sulfide

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

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

2.3 Landfill Gas Sampling

On November 5, 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, 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 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 was 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. 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 in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I**.

On October 31, 2025, the depth to groundwater was measured in all monitor wells with an electronic water level meter. Sampling activities were conducted on all monitor wells, except MW-5, on October 31, 2025; sampling activities for monitor well, MW-5, was completed on November 5, 2025, due to elevated turbidity readings. 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 was detected in groundwater samples at concentrations exceeding the North Carolina 2L Groundwater Standard of 50 micrograms per liter (µg/L). These manganese levels may be attributed to the natural weathering of manganese-bearing minerals within the local geology rather than a site-related release. Under 15A NCAC 02L .0202(b)(3), where naturally occurring substances exceed the established standard, the local background concentration is considered the applicable standard.

4.0 Surface Water and Sediment Sampling

On October 31, 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**.



Surface water and stream sediment samples were collected, placed in a cooler with ice, and delivered under chain-of-custody protocol to Eurofins Environmental Testing. Analysis includes VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7471B, nitrate and 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. Exceedances of the 15A NCAC 02B (2B Standards) surface water quality standards are shown on **Figure 5**. Several other detections were reported, however 2B Standards are not established for those constituents.

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

4.1.2 *Sediment Sampling Results*

Table 8 summarizes sediment analytical results for samples collected from locations SED-1 through SED-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 United States Environmental Protection Agency Regional Soil Screening Levels (USEPA RSLs) are shown on **Figure 6**.

5.0 NCDEQ Risk Calculator

S&ME used the January 2025 version 2 of NCDEQ's Risk Calculator, downloaded from the NCDEQ website to quantify the risks from different exposure points (landfill gas, 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, called 825-LFGP-DUP, was collected on November 5, 2025, from LFGP-5. Analytical results of the duplicate sample were within an acceptable relative difference with the record samples.

Groundwater Duplicates

- One groundwater duplicate sample, called 825-MW-Dup, was collected on October 31, 2025, from MW-9. 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, called SW-DUP and SED-DUP, respectively. The surface water duplicate was taken at SW-4, and the sediment duplicate was taken at SED-4. 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

Groundwater sampling at MW-5 was done separately on November 5, 2025, due to high turbidity detected in screening on October 31, 2025. 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-9A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.



9.0 Certification Acknowledgement

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

Gerald Paul / S&ME, Inc.

Name of Environmental Consultant / Company

Signature of Environmental Consultant

April 6, 2026

Date

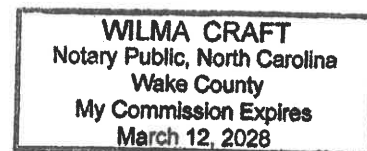
I, _____, a Notary Public of said County and State, do hereby certify that

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.

Notary Public (signature)

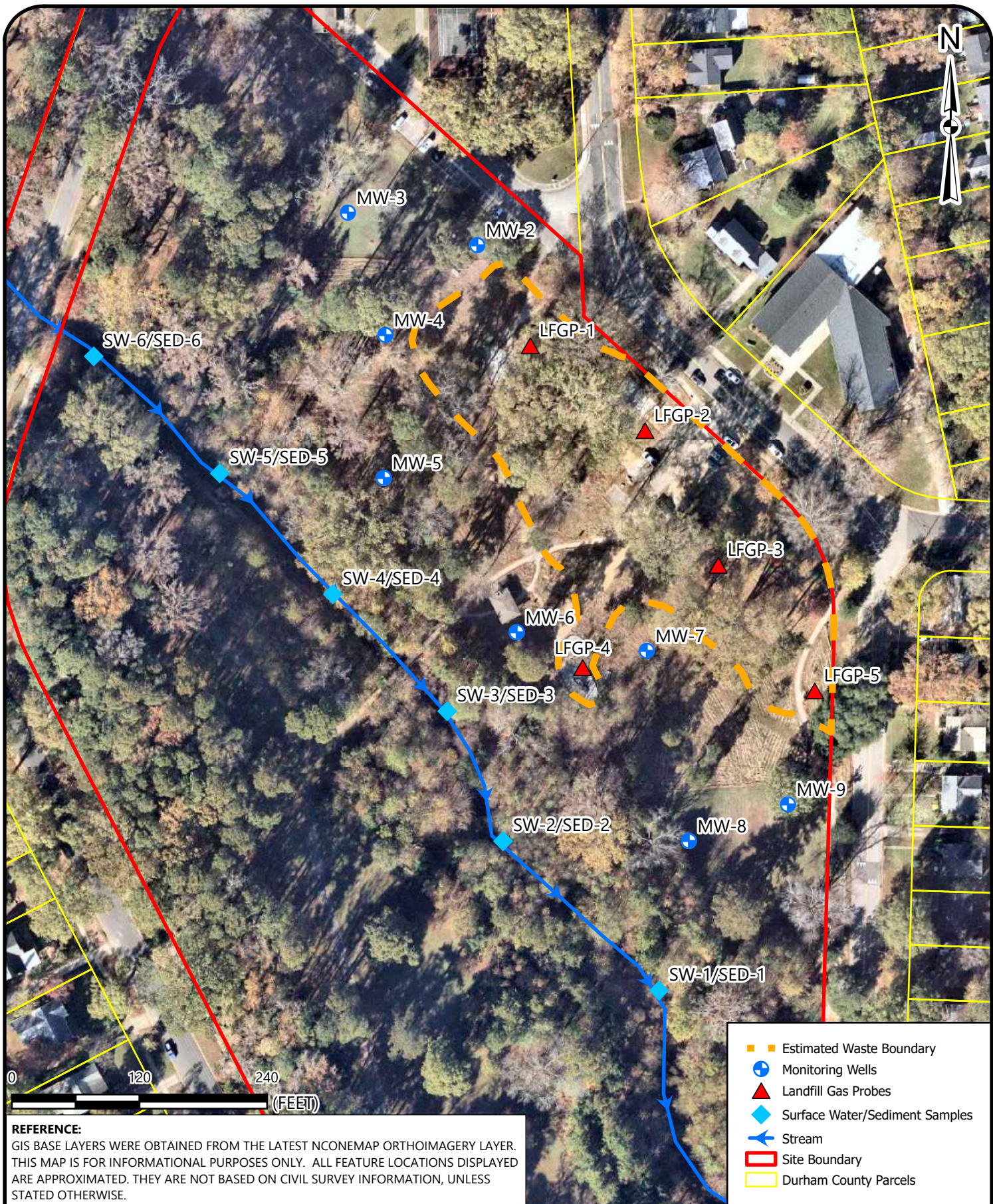
(OFFICIAL SEAL)



My commission expires: March 12, 2028

Figures

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



REFERENCE:

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



SITE MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-9A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

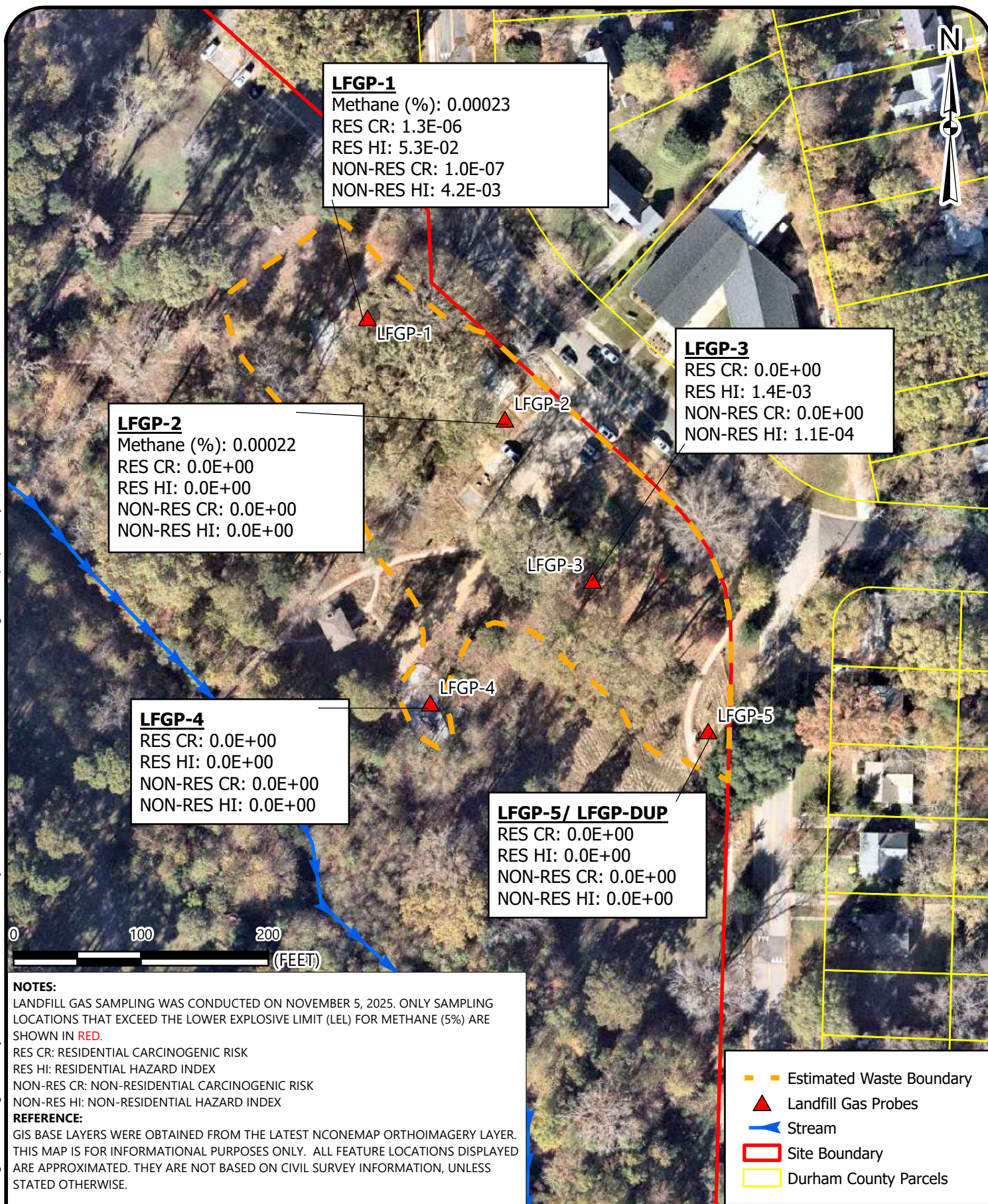
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DATE:
1/15/2026
PROJECT NUMBER
23050630

FIGURE NO.

1

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LANDFILL GAS RISK ASSESSMENT & LABORATORY RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-9A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

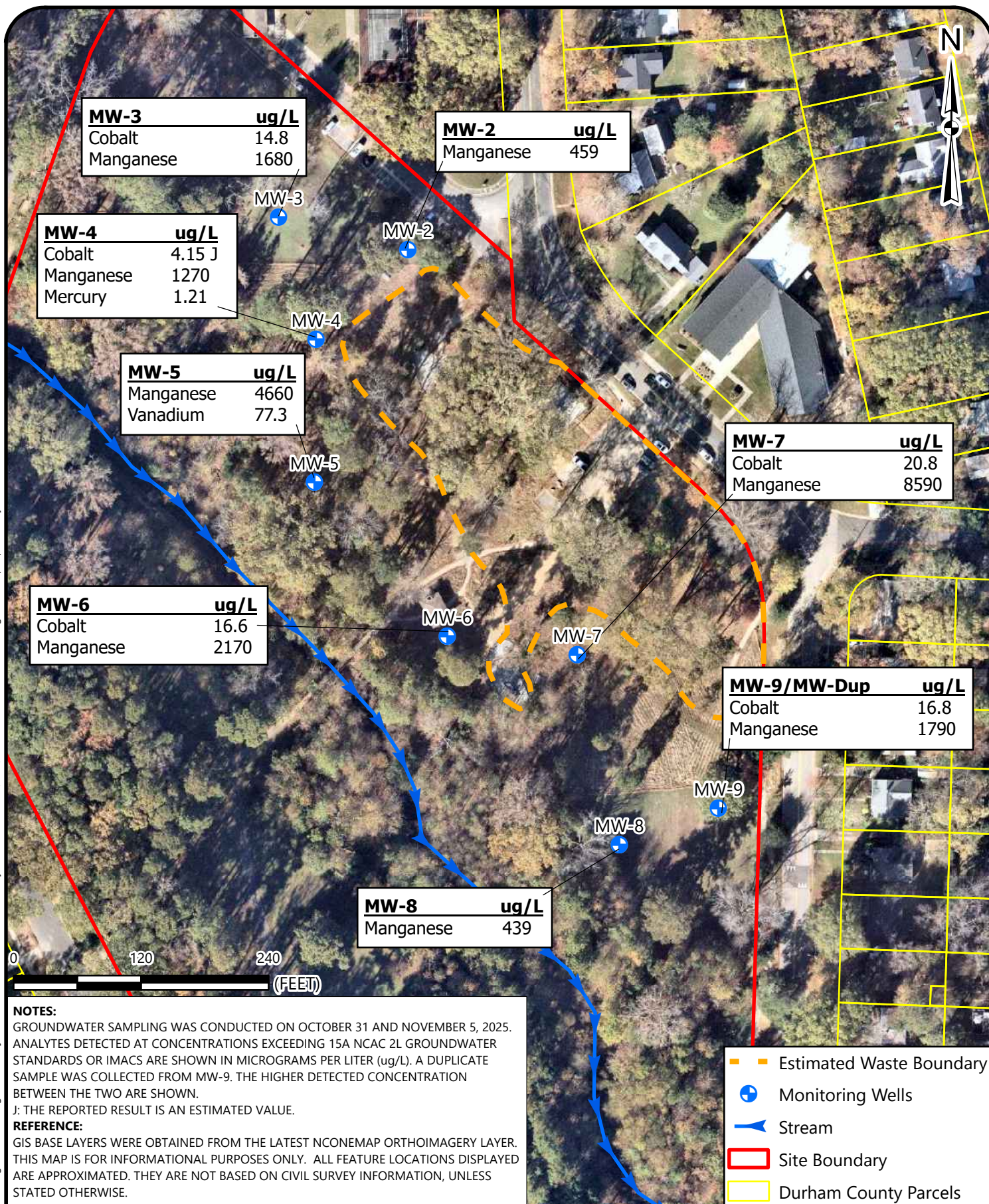
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1/15/2026
PROJECT NUMBER
23050630

FIGURE NO.

2

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GROUNDWATER ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-9A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

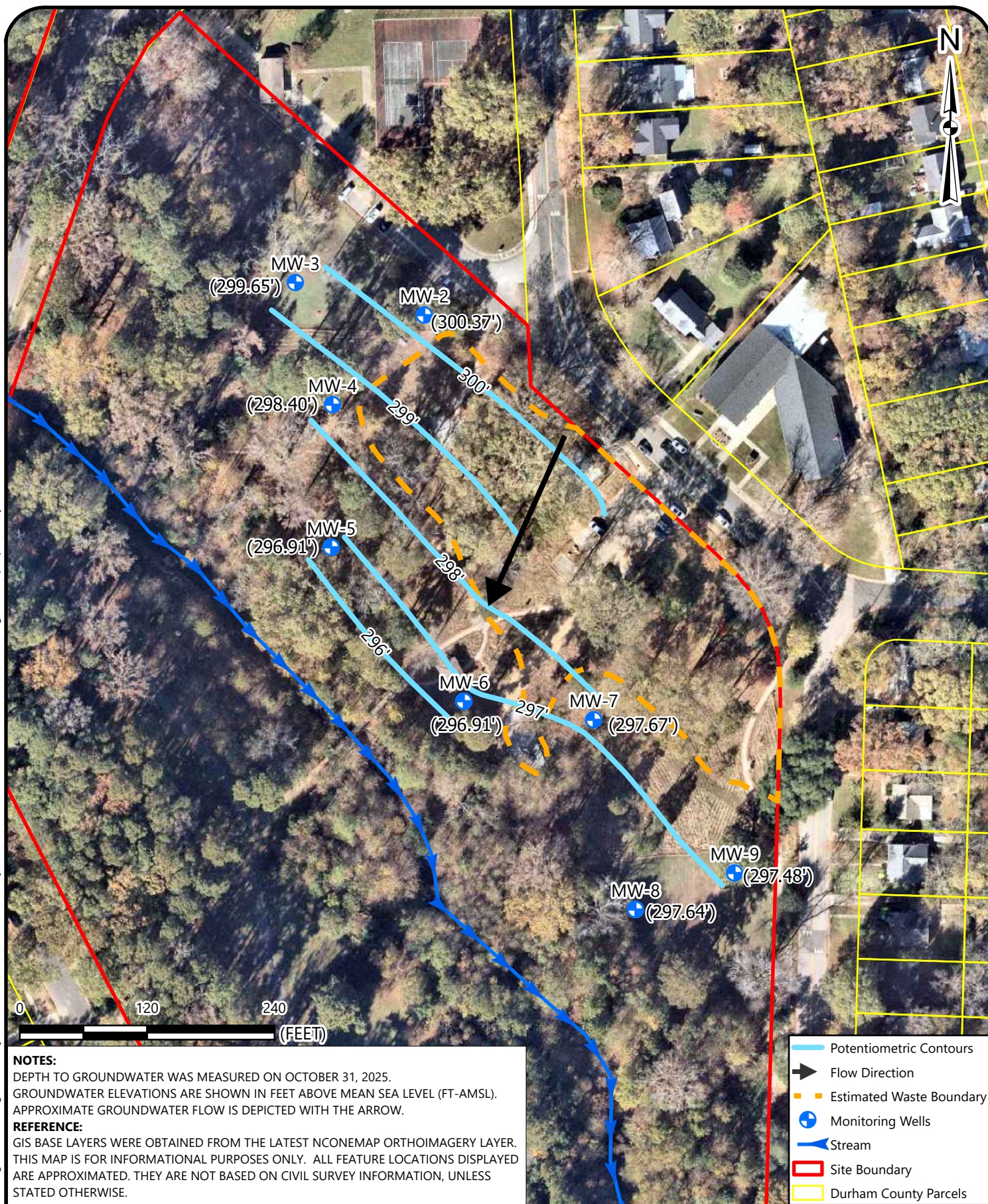
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DATE:
1/15/2026
PROJECT NUMBER
23050630

FIGURE NO.

3

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NCENV\GIS\Northgate RI-8.aprx plotted by Rachel Moore



GROUNDWATER POTENTIOMETRIC MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-9A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

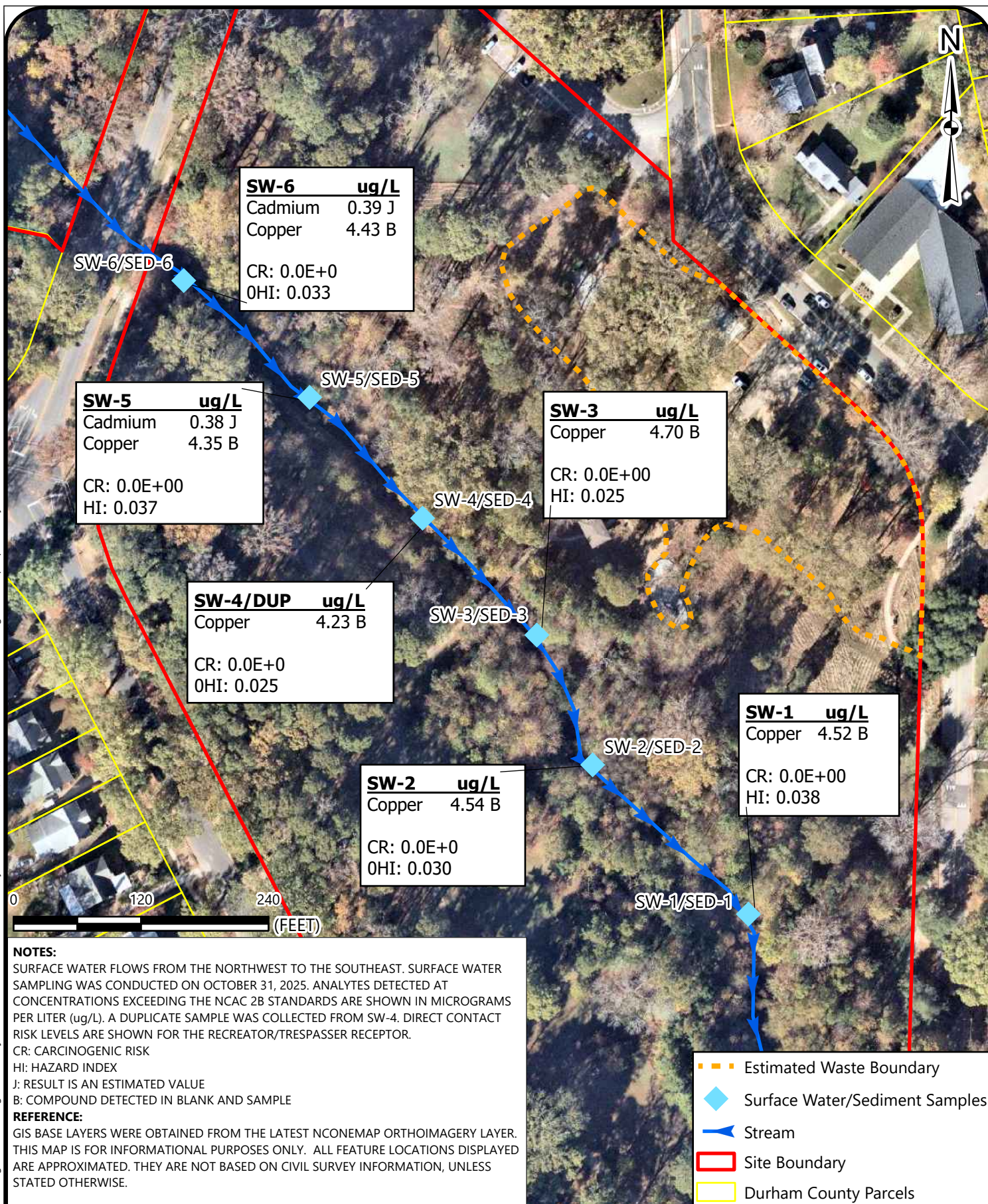
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1/14/2026
PROJECT NUMBER
23050630

FIGURE NO.

4

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SURFACE WATER ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-9A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

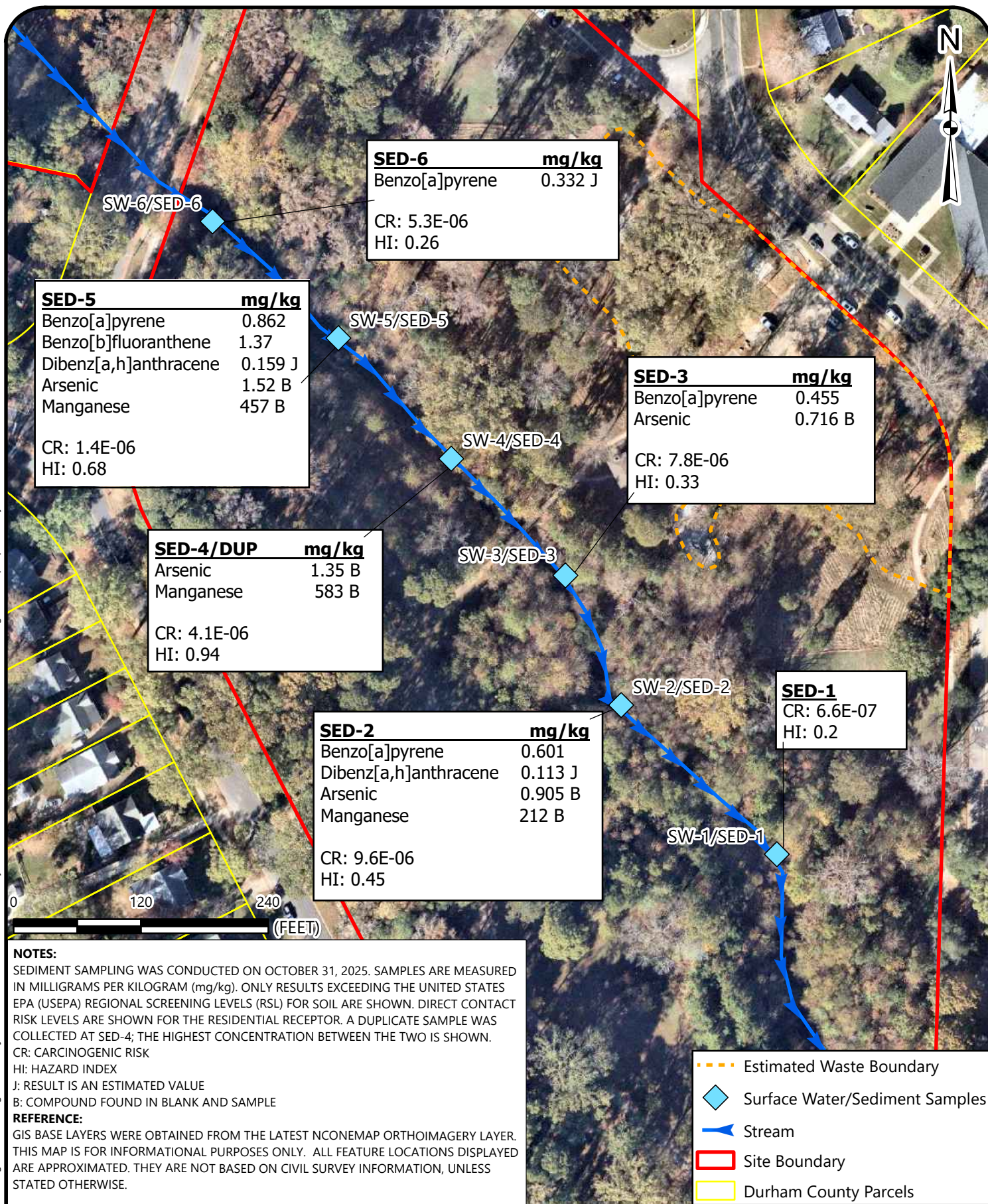
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DATE:
1/15/2026

PROJECT NUMBER
23050630

FIGURE NO.

5



SEDIMENT SAMPLE ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-9A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE:
1 in = 120 ft

DATE:
1/13/2026
PROJECT NUMBER
23050630

FIGURE NO.

6

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-9A

Page 1 of 1

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, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

Page 1 of 1

Field Parameter		Volatile Organic Compounds (ppm-v)	Methane (Volume in Air %)	Methane (% Lower Explosive Limit)	Hydrogen Sulfide (ppm-v)
Sample ID	Screening Date				
LFGP-1	11/4/2025	NM			
LFGP-2	11/4/2025	0.0	0.0	0.0	0.0
LFGP-3	11/4/2025	0.0	0.0	0.0	0.0
LFGP-4	11/4/2025	0.0	0.0	0.0	0.0
LFGP-5	11/4/2025	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

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

LFGP-1 was not sampled due to flooding.



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-9A

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	11/5/2025	11/5/2025	11/5/2025	11/5/2025	11/5/2025	11/5/2025
Volatile Organic Compounds by Method TO-15 (µg/m ³)		1,3-Butadiene	106-99-0		3.4	<1.7	<1.5	<1.6	<1.7	<1.6
		Acetone	67-64-1		22	50	25	39	29	28
		Benzene	71-43-2		3.0	<2.5	<2.2	<2.4	<2.4	<2.3
		Ethanol	64-17-5		74	82	66	48	48	62
		Heptane	142-82-5		13	<3.2	<2.8	<3.0	<3.1	<2.9
		Hexane	110-54-3		<2.9	<2.7	<2.4	<2.6	<2.7	<2.5
		2-Propanol	67-63-0		<8.2	<7.7	9.5	<7.3	<7.5	<7.0
ASTM D5504-12 (µg/m ³)		Hydrogen Sulfide	7783-06-4		<14	<14	<14	<14	<14	<14
NIOSH 6009 (µg/m ³)		Mercury	7439-97-6		<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
EPA Method Modified ASTM D-1946 (%)		Methane	74-82-8		0.00023	0.00022	<0.00014	<0.00015	<0.00015	<0.00014
NCDEQ Risk Calculator Values	Vapor Intrusion Resident Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			1.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	See LFGP-5 Risk Assessment.
		Non-Carcinogenic Hazard Quotient			5.3E-02	0.0E+00	1.4E-03	0.0E+00	0.0E+00	
	Vapor Intrusion Non-Residential Worker Soil Gas To Indoor Air	Cumulative Carcinogenic Risk			1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
		Non-Carcinogenic Hazard Quotient			4.2E-03	0.0E+00	1.1E-04	0.0E+00	0.0E+00	

Notes:

µg/m³: micrograms per cubic meter.

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

Concentrations not were entered into the NCDEQ Risk Calculator (January 2025 Version), Compound not in Calculator.

Exceeds the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.

LFGP-DUP was taken at LFGP-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 November 5, 2025.



TABLE 4
Groundwater Monitor Well Construction & Groundwater Level
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, Durham County, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

ID	Date Installed	Type	Casing Material	Total Depth (ft-bgs)	Casing Interval (ft-bgs)			Screen Interval (ft-bgs)			Grout Interval (ft-bgs)			Bentonite Interval (ft-bgs)			Filter Pack Interval (ft-bgs)			Top of Casing Elevation (ft-amsl)	Date Water Level Measured	Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
MW-1	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'	10/31/2025	3.8	300.37
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'	10/31/2025	3.54	299.65
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'	10/31/2025	4.55	298.40
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'	10/31/2025	6.31	296.91
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'	10/31/2025	5.64	296.91
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'	10/31/2025	4.65	297.67
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'	10/31/2025	4.25	297.64
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	10/31/2025	4.13	297.48

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



TABLE 5
Groundwater Field Screening Parameters
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-9A

Page 1 of 1

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1		Not Installed			
MW-2	10/31/2025	6.80	19.4	416	1.5
MW-3	10/31/2025	6.70	19.7	581	13.0
MW-4	10/31/2025	6.20	18.6	1115	3.1
MW-5*	10/31/2025	6.20	18.1	925	488
MW-6	10/31/2025	6.10	18.7	654	2.6
MW-7	10/31/2025	6.50	19.5	957	2
MW-8	10/31/2025	7.60	17.0	495	2
MW-9	10/31/2025	6.40	17.9	706	2

Notes:

Temperature: degrees Celsius (°C)

Conductivity: microsiemens per centimeter (µS/cm)

Turbidity: Nephelometric Turbidity Units

Monitor well MW-5 was not sampled on 10/31/2025 due to high turbidity.



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-9A

Analytical Method		Method 8260D - VOCs (mg/Kg)				Method 8270E - Semi Volatile Organic Compounds (SVOC) (mg/Kg)												Method 6020B - Metals (mg/Kg)												Method 7473	Method 9056A		NCDEQ Risk Calculator											
CAS Number		67-64-1	78-93-3	74-83-9	108-88-3	120-12-7	56-55-3	100-52-7	50-32-8	205-99-2	191-24-2	207-08-9	86-74-8	218-01-9	53-70-3	206-44-0	193-39-5	85-01-8	129-00-0	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	7782-49-2	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	14797-55-8	14808-79-8						
Analyte		Acetone	2-Butanone (MEK)	Methyl bromide	Toluene	Anthracene	Benz[a]anthracene	Benzaldehyde	Benz[a]pyrene	Benz[b]fluoranthene	Benz[ghi]perylene	Benz[ghi]fluoranthene	Carbazole	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Arsenic	Barium	Beryllium	Cadmium	Chromium, Total	Chromium, Hexavalent	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury	Nitrate as (N)	Sulfate	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Sample ID	Date Collected																																						Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
SED-1	10/31/2025	0.0174 J	<0.00694	<0.00289	<0.00116	<0.0401	<0.0401	<0.0401	<0.0401	0.0550 J	<0.0401 *	<0.0401	<0.0401	<0.0401	<0.0401 *	0.0788 J *	<0.0401 *	<0.0401	0.0693 J *	0.319 J B	12.4 B	0.0530 J	<0.0111	6.35	0.137 J	2.42	2.47 B	3.96	82.3 B	4.49 B	0.451 J B	0.161 J B	<0.0286	12.1 B	14.6 B	<0.0191	2.76 J	21.8	6.6E-07	2.0E-01	1.2E-07	1.3E-02	2.8E-07	8.4E-02
SED-2	10/31/2025	0.147	0.00927 J	0.00374 J	<0.00143	0.0519 J	0.487	0.0515 J	0.601	0.937	0.539	0.349 J	0.0600 J	0.661	0.113 J	1.17	0.505	0.39	0.958	0.905 B	34.7 B	0.166 J	<0.0130	12.6	0.299 J	5.06	8.44 B	10.9	212 B	7.78 B	0.464 J B	0.343 B	<0.0337	16.1 B	34.9 B	0.0214 J	4.98	17.8	9.6E-06	4.5E-01	7.5E-07	3.1E-02	4.1E-06	1.9E-01
SED-3	10/31/2025	0.0895	0.00869 J	<0.00291	<0.00116	0.0555 J	0.336 J	<0.0366	0.455	0.731	0.442	0.259 J	0.0616 J	0.529	0.0882 J	0.944	0.413	0.393	0.77	0.716 B	23.6 B	0.107 J	<0.00938	10.9	0.686 J	3.88	5.69 B	7.24	123 B	6.21 B	0.556 J B	0.158 B	<0.0242	13.0 B	25.8 B	<0.0156	1.99 J	11.4	7.8E-06	3.3E-01	6.0E-07	2.3E-02	3.4E-06	1.4E-01
SED-4	10/31/2025	0.103	0.00990 J	<0.00249	<0.000998	0.0692 J	0.361 J	<0.0386	0.557 J	0.0931 J	0.0541 J	<0.0386	0.0692 J	0.118 J	<0.0386	0.101 J	0.0519 J	<0.0386	0.101 J	1.24 B	104 B	0.463	<0.0128	20.9	0.896 J	8.38	8.67 B	11.6	583 B	7.94 B	0.337 J B	0.198 B	0.0838 J	26.1 B	17.0 B	0.0272 J	1.43 J	42.5	4.1E-06	9.4E-01	5.6E-07	6.4E-02	1.7E-06	4.0E-01
SED-5	10/31/2025	0.32	0.0256 J	<0.00443	0.00185 J	0.0922 J	0.651	0.0731 J	0.862	1.37	0.806	0.482 J	0.125 J	1.01	0.159 J	1.81	0.75	0.658	1.49	1.52 B	53.4 B	0.250 J	0.0680 J	15.6	4.02 J	7.1	13.9 B	14.8	457 B	10.7 B	0.638 J B	0.205 J B	<0.0354	20.3 B	70.1 B	0.0273 J	2.29 J	66.8	1.4E-05	6.8E-01	1.1E-06	4.7E-02	6.0E-06	2.9E-01
SED-6	10/31/2025	0.0174 J	<0.00712	<0.00297	<0.00119	<0.0446	0.200 J	<0.0446	0.332 J	0.479	0.271 J	0.165 J	<0.0446	0.274 J	0.0621 J	0.305 J	0.275 J	0.0722 J	0.277 J	0.470 B	16.4 B	0.110 J	<0.0112	10.6	0.268 J	3.08	3.69 B	4.83	92.3 B	5.49 B	0.669 J B	0.214 B	<0.0289	12.4 B	20.0 B	<0.0184	1.54 J	<13.2	5.3E-06	2.6E-01	4.0E-07	1.8E-02	2.3E-06	1.1E-01
SED-DUP (SED-4)	10/31/2025	0.0651	0.00725 J	<0.00264	<0.00106	<0.0389	0.0717 J	<0.0389	0.0959 J	0.167 J	0.0928 J	0.0574 J	0.0874 J	0.123 J	<0.0389	0.221 J	0.0887 J	0.0923 J	0.179 J	1.35 B	53.0 B	0.275 J	0.100 J	17.4	0.643 J	6.82	13.4 B	19.2	333 B	10.1 B	0.523 J B	0.447 B	0.0424 J	21.7 B	60.9 B	0.0292 J	2.64 J	17.2	See SED-4 Risk Assessment.					
EPA Resident Soil Screening Levels		70,000	2,700	0.7	490	1,800	1.10	170	0.11	1.10	NE	11.0	NE	110	0.11	240	1.10	NE	180	0.68	1,500	16	0.71	NE	0.95	2.3	310	200	180	140	39	39	0.078	39	2,300	0.71	13,000	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.
FI (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-4.

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, Durham County, North Carolina

S&ME Project No. 23050630 Task Order RI-9A

Page 1 of 1

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 Latitude/Longitude and in feet in the North Carolina State Plane Coordinate System (NAD83).

Appendix II- S&ME Field Notes

Project Name:		Northgate Park		Location:		Durham, NC		Meter Type/ Meter Name/ Serial No.:					
NCDEQ ID No.:		NONCD0000825		Date:		11/4/2025		Gas Analyzer		GEM PRO			
S&ME Project No.:		23050630		Weather:		Sunny		PID		Mini Rae 3000			Pre Calibration Time:
Task Order:		825RI-9		S&ME Personnel:		Madion A. / Logan H./ Jonathan O.		Thermo Hygrometer					Post Calibration Time:
PRE Equipment Calibration						Calibration Notes		POST Equipment Calibration					
PID (Isobutylene)		0 ppm = 0		100 ppm = 101				PID (Isobutylene)		0 ppm = 0		100 ppm = 100	
Fresh Air		CH ₄ (0%) = 0		O ₂ (20.9%) = 21.1				Fresh Air		CH ₄ (0%) = 0		O ₂ (20.9%) = 20.9	
Methane High		CH ₄ (50%) = 49.8		CO ₂ (35%) = 35.6				Methane High		CH ₄ (50%) = 49.9		CO ₂ (35%) = 35.5	
		O ₂ (0%) = 0								O ₂ (0%)= 0			
H2S Mix		CH ₄ (2.5%) = 2.48		O ₂ (18%) = 17.8				H2S Mix		CH ₄ (2.5%) = 2.51		O ₂ (18%) = 17.9	
		H ₂ S (10 ppm) = 10		CO (50 ppm) = 49						H ₂ S (10 ppm) = 10		CO (50 ppm) = 50	
Screening Data													
Sample Location	Time	VOCs		Methane		Carbon Dioxide	Oxygen	Hydrogen Sulfide	Barometric Pressure	Temperature	Humidity		
ID	hr:min	ppm-v	%	volume in air (%)	% LEL (100% LEL = 5% CH4)	%	%	ppm-v	inHg	°F	%		
BG-1	09:46	0.0	0	0	0	0.1	21.1	0	30.1	56	60		
BG-2	09:50	0.0	0	0	0	0.1	21.4	0	30.1	56	60		
LFGP-1	09:58	Flooded											
LFGP-2	13:30	0.0	0	0	0	0.2	20	0	30.1	65	39		
LFGP-3	10:20	0.0	0	0	0	2.1	18.5	0	30.1	58	60		
LFGP-4	10:15	0.0	0	0	0	6.6	15	0	30.1	58	60		
LFGP-5	10:22	0.0	0	0	0	2	19.2	0	30.1	58	60		
Name		Signature				Date		Notes:		LFGP-1 flooded - tried purging but there was too much water. LFGP-2 re-installed as original was found destroyed.			
(1) Madison Allen						11/4/2025							

SOIL VAPOR FIELD SAMPLING FORM



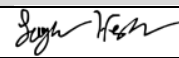
Project Name:	Northgate Park	
Project Number:	23050630 - 825RI-9	
Location:	Durham, NC	Date: 11/5/2025
Weather:	Sunny	Air Temp (°F): 53
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	Calibration Date: 11/5/2025

Sample Information					
Sample Type					
Sample ID	825-LFGP-5	825-LFGP-4	825-LFGP-3	825-LFGP-2	825-LFGP-1
Canister ID	6L2758	6L1233	6L0641	6L1871	6L2462
Regulator ID	23987	25253	24153	24148	24118
Canister Volume (L)	6	6	6	6	6

Leak Test Information					
Purge Method	Personal Pump	Personal Pump	Personal Pump	Personal Pump	Personal Pump
He Concentration in Shroud (%)	16.1	17.5	18.9		
He Detected in Leak Test (Y or N)	No	No	No	No	
He Conc. Detected in Leak Test (ppm)	0	0	0	0	
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	
Leak Test Passed (Yes/No)	Yes	Yes	Yes	Yes	

Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	3	0	12	3	0	12	3	0	12	3	0	12	3	0	12
Sand Pack Interval Depth (in-bgs)	24	to	36	24	to	36	24	to	36	24	to	36	24	to	36
Volume (mL)	263			263			263			263			263		
Purge Flow Rate (mL/min)	200			200			200			200			200		
Purge Interval (3x Vol.) (min)	3.9			3.9			3.9			3.9			3.9		
Actual Purge Time (min)	4.0			4.0			4.0			4.0			4.0		

Sample Collection					
Start Time	09:50	10:21	10:02	10:30	10:55
Initial Vacuum (inHg)	28	28	29	30	28
End Time	11:50	11:22	11:04	11:32	11:56
Final Vacuum (inHg)	5	8	6	8	8
Approximate Total Time (min)	120	61	62	62	61
Sample Analysis	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15	VOCs by TO-15

Sampler Information	Sampled by: Brandon Governo and Logan Hester	Sampler Signature: 	Date: 11/5/2025
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Notes: 1. Per the NCDEQ DWM VI Guidance dated March 2018, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.
2. LFGP-1 was sampled using the flux-chamber method.

SOIL VAPOR FIELD SAMPLING FORM



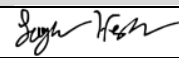
Project Name:	Northgate Park		
Project Number:	23050630 - 825RI-9		
Location:	Durham, NC	Date:	11/5/2025
Weather:	Sunny	Air Temp (°F):	53
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)		Calibration Date: 11/5/2025

Sample Information					
Sample Type					
Sample ID	825-LFGP-DUP-01				
Canister ID	6L1504				
Regulator ID	25255				
Canister Volume (L)	6				

Leak Test Information					
Purge Method	Personal Pump				
He Concentration in Shroud (%)	16.1				
He Detected in Leak Test (Y or N)	No				
He Conc. Detected in Leak Test (ppm)	0				
Percent of He in the Leak Test versus the Shroud	0.000%				
Leak Test Passed (Yes/No)†	Yes				

Purge Information															
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	3	0	12												
Sand Pack Interval Depth (in-bgs)	24	to	36												
Volume (mL)	263														
Purge Flow Rate (mL/min)	200														
Purge Interval (3x Vol.) (min)	3.9														
Actual Purge Time (min)	4.0														

Sample Collection					
Start Time	09:50				
Initial Vacuum (inHg)	30				
End Time	11:50				
Final Vacuum (inHg)	5				
Approximate Total Time (min)	120				
Sample Analysis	VOCs by TO-15				

Sampler Information			
Sampled by:	Brandon Governo and Logan Hester	Sampler Signature:	
		Date:	11/5/2025

Notes: 1. Per the NCDEQ DWM VI Guidance dated March 2018, the helium concentration detected during the leak test shall not exceed 10% of the helium concentration in the shroud.
2. LFGP-DUP-01 taken at LFGP-5

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	10.31.2025
Source Well:	MW-2	Purge Time (Min.):	30
Locked?:	No	Sample Date:	10.31.2025
Sampled By:	Clay Faircloth	Sample Time:	15:20
Weather:	Sunny	Air Temp:	63 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:45	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10.29.2025	08:45	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.80	ft-TOC
Total Well Depth:	29.00	ft-TOC
Height of Water Column:	25.20	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	20.6	gal

Well Purging Information

Purge Method:
Purge Start Time:
End Time:

Total Volume Purged: gal
 Well Purged Dry?:

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
	14:45	6.7	21.3	471	3.9	
	14:55	6.7	19.6	457	3.3	
	15:00	6.7	19.5	428	2.5	
	15:05	6.8	19.5	421	2.9	
	15:10	6.8	19.4	418	2.0	
	15:15	6.8	19.4	416	1.5	

Sample Method:
Sample Time:

Analytical Data

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

Name	Signature	Date
(1) Clay Faircloth		1/16/2026

Notes:

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park			Purge Date:	October 31, 2025
Project Location:	Durham, Durham County, North Carolina			Purge Time (Min.):	45
Project Number:	23050630			Sample Date:	October 31, 2025
Source Well:	MW-3			Sample Time:	14:10
Locked?:	No			Air Temp:	64 ° F
Sampled By:	Clay Faircloth				
Weather:	Sunny				

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check
pH	10.29.2025	08:45	4.00, 7.00, 10.00	4.0 7.0 10.0
Conductivity	10.29.2025	08:45	1,413 µS/cm	1,413 µS/cm

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume		
Depth to Water:	3.54	ft-TOC	Well Diameter	2	inch
Total Well Depth:	15.00	ft-TOC	Well Volume	1.9	gal
Height of Water Column:	11.46	feet	3 * Well Volume	5.6	gal
Screen Length:	10	ft-GRD	5 * Well Volume	9.4	gal
Stickup Height:	0	ft-GRD			

Well Purging Information

Purge Method:	Peristaltic Pump	Purge Start Time:	13:25	End Time:	13:55
Total Volume Purged:	1.4	gal	Well Purged Dry?:	No	

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.0	13:25	6.7	19.1	526	32	
0.2	13:30	6.7	19.2	541	28	
0.4	13:35	6.7	19.3	543	27	
0.6	13:40	6.7	19.5	554	25	
0.8	13:45	6.7	19.6	568	23	
1.0	13:50	6.7	19.7	575	22	
1.2	13:55	6.7	19.7	581	19	
1.4	14:00	6.7	19.7	581	13	

Sample Method:	Peristaltic Pump	Sample Time:	14:10
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Analytical Data

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

Name	Signature	Date
(1) Clay Faircloth		1/16/2026

Notes:

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park			Purge Date:	10.31.2025
Project Location:	Durham, Durham County, North Carolina			Purge Time (Min.):	25
Project Number:	23050630			Sample Date:	10.31.2025
Source Well:	MW-4			Sample Time:	15:20
Locked?:	No			Air Temp:	61 ° F
Sampled By:	Brandon Governo				
Weather:	Sunny				

Equipment Calibration Information:

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

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume		
Depth to Water:	4.55	ft-TOC	Well Diameter	2	inch
Total Well Depth:	15.00	ft-TOC	Well Volume	1.7	gal
Height of Water Column:	10.45	feet	3 * Well Volume	5.1	gal
Screen Length:	10	ft-GRD	5 * Well Volume	8.5	gal
Stickup Height:	0	ft-GRD			

Well Purging Information

Purge Method: Peristaltic Pump

Purge Start Time: 14:50

End Time: 15:15

Total Volume Purged: 1.0 gal

Well Purged Dry?: No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	14:50	6.3	18.2	1,142	13	
0.2	14:55	6.1	18.6	1,091	7.1	4.98
0.4	15:00	6.2	18.7	1,090	3.9	
0.6	15:05	6.2	18.6	1,110	6.8	5.02
0.8	15:10	6.2	18.6	1,114	4.9	
1.0	15:15	6.2	18.6	1,115	3.1	5.05

Sample Method: Peristaltic Pump

Sample Time: 15:20

Analytical Data

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

Name	Signature	Date
(1) Brandon Governo		12/17/2025

Notes:

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park			Purge Date:	10.31.2025
Project Location:	Durham, Durham County, North Carolina			Purge Time (Min.):	25
Project Number:	23050630			Sample Date:	10.31.2025
Source Well:	MW-5			Sample Time:	Not Sampled
Locked?:	No			Air Temp:	54 ° F
Sampled By:	Brandon Governo				
Weather:	Sunny				

Equipment Calibration Information:

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

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume		
Depth to Water:	6.31	ft-TOC	Well Diameter	2	inch
Total Well Depth:	14.00	ft-TOC	Well Volume	1.3	gal
Height of Water Column:	7.69	feet	3 * Well Volume	3.8	gal
Screen Length:	10	ft-GRD	5 * Well Volume	6.3	gal
Stickup Height:	0	ft-GRD			

Well Purging Information

Purge Method:	Peristaltic Pump	Purge Start Time:	12:50	End Time:	13:15
Total Volume Purged:	0.6 gal	Well Purged Dry?:	No		

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	12:50	6.1	18.8	902	138	
0.2	12:55	6.1	17.5	885	488	8.96
0.4	13:00	6.2	18	909	612	
0.6	13:05	6.2	18.1	925	455	

Sample Method:	Peristaltic Pump	Sample Time:	NA
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Analytical Data

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

Name	Signature	Date
(1) Brandon Governo		12/17/2025

Notes: High turbidity; Pulled tubing due to clogging. Could only purge for ten minutes before water became highly turbid. DID NOT SAMPLE

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park			Purge Date:	10.31.2025
Project Location:	Durham, Durham County, North Carolina			Purge Time (Min.):	30
Project Number:	23050630			Sample Date:	10.31.2025
Source Well:	MW-6			Sample Time:	12:10
Locked?:	No			Air Temp:	62 ° F
Sampled By:	Brandon Governo				
Weather:	Sunny				

Equipment Calibration Information:

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

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume		
Depth to Water:	5.64	ft-TOC	Well Diameter	2	inch
Total Well Depth:	17.00	ft-TOC	Well Volume	1.9	gal
Height of Water Column:	11.36	feet	3 * Well Volume	5.6	gal
Screen Length:	10	ft-GRD	5 * Well Volume	9.3	gal
Stickup Height:	0	ft-GRD			

Well Purging Information

Purge Method: Peristaltic Pump

Purge Start Time: 11:35

End Time: 12:05

Total Volume Purged: 1.4 gal

Well Purged Dry?: No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	11:35	6.3	17.9	671	2.6	
0.2	11:40	6.1	18.3	663	2.1	5.92
0.4	11:45	6.1	18.6	659	2.1	
0.6	11:50	6.1	18.7	649	2.2	5.95
0.8	11:55	6.1	18.7	645	1.8	
1.0	12:00	6.1	18.7	650	2.5	5.96
1.4	12:05	6.1	18.7	654	2.6	

Sample Method: Peristaltic Pump

Sample Time: 12:10

Analytical Data

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

Name	Signature	Date
(1) Brandon Governo		12/17/2025

Notes:

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	October 31, 2025
Source Well:	MW-7	Purge Time (Min.):	40
Locked?:	No	Sample Date:	10.31.2025
Sampled By:	Clay Faircloth	Sample Time:	12:35
Weather:	Sunny	Air Temp:	64 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:45	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10.29.2025	08:45	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume		
Depth to Water:	4.65	ft-TOC	Well Diameter	2	inch
Total Well Depth:	13.50	ft-TOC	Well Volume	1.4	gal
Height of Water Column:	8.85	feet	3 * Well Volume	4.3	gal
Screen Length:	10	ft-GRD	5 * Well Volume	7.2	gal
Stickup Height:	0	ft-GRD			

Well Purging Information

Purge Method:	Peristaltic Pump	Purge Start Time:	11:50	End Time:	12:30
Total Volume Purged:	2.2	gal	Well Purged Dry?:	No	

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.0	11:50	6.6	18.1	844	12	
0.2	11:55	6.6	19.4	855	19	
0.4	12:00	6.6	19.6	863	12	
0.6	12:05	6.6	19.9	869	30	
0.8	12:10	6.5	19.6	962	12	
1.0	12:15	6.5	19.6	970	13	
1.4	12:20	6.5	19.6	940	6.6	
1.8	12:25	6.5	19.5	951	2.8	
2.2	12:30	6.5	19.5	957	2.0	

Sample Method:	Peristaltic Pump	Sample Time:	12:35
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Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	RLF 16 Metals, inc. pre	1	250 ml P	HNO3
270E-SVOCs TCL OLM4	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
DE-SIM-MS-ID-1,4 Diox	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
0056A-ORGM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth	<i>Clay Faircloth</i>	1/16/2026

Notes: Suspended particles observed in purge water. Lowered tubing and picked up purge flow rate to try to clear out particles a bit.

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Durham, Durham County, North Carolina		
Project Number:	23050630	Purge Date:	October 31, 2025
Source Well:	MW-8	Purge Time (Min.):	25
Locked?:	No	Sample Date:	October 31, 2025
Sampled By:	Clay Faircloth	Sample Time:	11:05
Weather:	Sunny	Air Temp:	65 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	10.29.2025	08:45	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	10.29.2025	08:45	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume		
Depth to Water:	4.25	ft-TOC	Well Diameter	2	inch
Total Well Depth:	16.50	ft-TOC	Well Volume	2.0	gal
Height of Water Column:	12.25	feet	3 * Well Volume	6.0	gal
Screen Length:	10	ft-GRD	5 * Well Volume	10.0	gal
Stickup Height:	0	ft-GRD			

Well Purging Information

Purge Method:	Peristaltic Pump	Purge Start Time:	10:35	End Time:	11:00
Total Volume Purged:	1.0	gal	Well Purged Dry?:	No	

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.0	10:35	7.6	16.8	488	3.9	
0.2	10:40	7.6	16.8	490	2.6	
0.4	10:45	7.6	16.6	491	3.3	
0.6	10:50	7.6	16.7	494	2.3	
0.8	10:55	7.6	16.9	494	3.1	
1.0	11:00	7.6	17	495	2.0	

Sample Method:	Peristaltic Pump	Sample Time:	11:05
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Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	RLF 16 Metals, inc. pre	1	250 ml P	HNO3
270E-SVOCs TCL OLM4	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 ml P	H2SO4
DE-SIM-MS-ID-1,4 Diox	2	250 ml A	None	Sulfate 300.0	1	250mL P	None
0056A-ORGM-28D/48H	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		1/16/2026

Notes:

GROUNDWATER SAMPLING FORM



Project Name:	City of Durham Parks - Northgate Park			Purge Date:	10.31.2025
Project Location:	Durham, Durham County, North Carolina			Purge Time (Min.):	25
Project Number:	23050630			Sample Date:	10.31.2025
Source Well:	MW-9			Sample Time:	10:50
Locked?:	No			Air Temp:	62 ° F
Sampled By:	Brandon Governo				
Weather:	Sunny				

Equipment Calibration Information:

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

Water Level & Well Data

Measuring Point:	Top of Casing		Well Volume	
Depth to Water:	4.13	ft-TOC	Well Diameter	2 inch
Total Well Depth:	24.00	ft-TOC	Well Volume	3.2 gal
Height of Water Column:	19.87	feet	3 * Well Volume	9.7 gal
Screen Length:	10	ft-GRD	5 * Well Volume	16.2 gal
Stickup Height:	0	ft-GRD		

Well Purging Information

Purge Method: Peristaltic Pump

Purge Start Time: 10:20

End Time: 10:45

Total Volume Purged: 1.0 gal

Well Purged Dry?: No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity (NTU)	Comments
0.0	10:20	6.8	16.3	760	2.5	
0.2	10:25	6.6	17.6	745	4.0	4.22
0.4	10:30	6.6	18	700	2.0	
0.6	10:35	6.5	17.9	704	1.6	4.25
0.8	10:40	6.4	17.9	706	0.89	
1.0	10:45	6.4	17.9	706	2.2	4.25

Sample Method: Peristaltic Pump

Sample Time: 10:50

Analytical Data

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

Name	Signature	Date
(1) Brandon Governo		12/17/2025

Notes:



Environmental Field Report	
Date: 10/31/2025	Job Number: 23050630
Project Name: City of Durham Parks Northgate Park SED/SW Sampling	Weather/Temperature: 60°F
Project Location: 300 W. Club Blvd & 404 W. Lavender Avenue, Durham, NC	
Notes By: ☒ ☐	Present at the Site: Jonathan Olanin

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

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

- Arrive at the site. Scout the park area.

- Calibration of the multipurpose meter (Hanna HI98129):

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

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

Sampling Time	Sediment ID	Surface Water ID	pH	Conductivity (uS/cm)	Temperature (°C)	Turbidity (NTU)	Relative Flow
0940	SED-1	SW-1	7.26	206	12.1	8.81	Low
1025	SED-2	SW-2	7.25	118.6	11.8	8.67	Low
1110	SED-3	SW-3	7.19	118.2	13.0	9.70	Low
1155	SED-4	SW-4	7.17	122.9	13.7	4.76	Low
1155	SED-DUP	SW-DUP	7.17	122.9	13.7	4.76	Low
1325	SED-5	SW-5	7.38	120.2	15.9	6.16	Low
1415	SED-6	SW-6	7.25	127.6	14.9	5.38	Med

Hours	Mileage	Signature of S&ME Personnel
6.0	60	Jonathan Olanin

eurofins | Environment Testing

Ver: 05/06/2024

Eurofins Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record



Environment Testing

Client Information		Sampler:		Lab PM: Bechtold, Chad		Carrier Tracking No(s):		COC No: 680-170289-59893.1																																							
Client Contact: Jerry Paul		Phone:		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:		<table border="1"> <tr> <td rowspan="5">Field Filtered Sample (Yes or No)</td> <td rowspan="5">Perform MS/MSD (Yes or No)</td> <td>8270E_QQOQ - SVOC TCL OL4.2</td> <td>8270E_SIM_ID_D5 - 1,4 Dioxane</td> <td>350.1 - Ammonia as N; 353.2 - NOx, Nitrate, Calc</td> <td>8260D - VOC NC 02L List</td> <td>6020B - PRLF Metals; 7470A - Hg</td> <td>353.2_Nitrite - Nitrite (48 Hour HT)</td> <td>SM4500_SO4_E - Sulfate</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>					Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQOQ - SVOC TCL OL4.2	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																													Preservation Codes: N - None S - H2SO4 A - HCL D - HNO3	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQOQ - SVOC TCL OL4.2	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																																
City: Raleigh		TAT Requested (days):		Other:																																											
State, Zip: NC, 27616		Compliance Project: ☐ Yes ☐ 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#:																																													

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_QQOQ - SVOC TCL OL4.2	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:
							N	N	S	A	D	N	N		
SW-1	10/31/25	0940	G	W	N	X	X	X	X	X	X	X	X		
SW-2		1025				X	X	X	X	X	X	X	X		
SW-3		1110				X	X	X	X	X	X	X	X		
SW-4		1155				X	X	X	X	X	X	X	X		
SW-DUP		1155				X	X	X	X	X	X	X	X		
SW-5		1325				X	X	X	X	X	X	X	X		
SW-6		1415				X	X	X	X	X	X	X	X		
Trip Blank															

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: Jonathan Olanin		Date/Time: 10/31/25 1625		Company: S&ME		Received by: PL	
Relinquished by:		Date/Time:		Company:		Received by:	
Relinquished by:		Date/Time:		Company:		Received by:	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		

Appendix III - Laboratory Analytical Reports and COC

Analytical Report

12/2/2025

Mr. Logan Hester

S & ME, Inc.

3201 Spring Forest Road

Raleigh NC 27616

Project Name:

Project #: 23050630

Workorder #: 2511400A

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/13/2025 at Eurofins Air Toxics LLC.

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

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

Regards,



Brian Whittaker

Project Manager

WORK ORDER #: 2511400A

Work Order Summary

CLIENT:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616	BILL TO:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616
PHONE:	919-872-2660	P.O. #	
FAX:	919-790-8909	PROJECT #	23050630
DATE RECEIVED:	11/13/2025	CONTACT:	Brian Whittaker
DATE COMPLETED:	12/02/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	825-LFGP-DUP	TO-15	6.5 "Hg	1.8 psi
02A	825-LFGP-5	TO-15	8 "Hg	1.7 psi
03A	825-LFGP-4	TO-15	7.3 "Hg	1.8 psi
04A	825-LFGP-3	TO-15	6.5 "Hg	1.3 psi
05A	825-LFGP-2	TO-15	8.4 "Hg	1.8 psi
06A	825-LFGP-1	TO-15	9.6 "Hg	1.9 psi
07A	Lab Blank	TO-15	NA	NA
08A	CCV	TO-15	NA	NA
09A	LCS	TO-15	NA	NA
09AA	LCSD	TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 12/02/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
EPA Method TO-15
S & ME, Inc.
Workorder# 2511400A

Six 6 Liter Summa Canister samples were received on November 13, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

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

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

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

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

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

N - The identification is based on presumptive evidence.

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

CN - See Case Narrative.

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

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.2	33	13	62

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.6	25	14	48

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.4	25	14	48

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.0	35	13	66
2-Propanol	2.8	3.8	6.8	9.5

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.8	44	15	82

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	0.83	1.6	1.8	3.4

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

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

Ethanol	8.3	39	16	74
Acetone	8.3	9.0	20	22
Hexane	0.83	0.88	2.9	3.1
Benzene	0.83	0.94	2.6	3.0
Heptane	0.83	3.2	3.4	13

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120117	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.43	Date of Analysis:	12/1/25 04:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.72	Not Detected	3.5	Not Detected
Freon 114	0.72	Not Detected	5.0	Not Detected
Chloromethane	7.2	Not Detected	15	Not Detected
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
1,3-Butadiene	0.72	Not Detected	1.6	Not Detected
Bromomethane	7.2	Not Detected	28	Not Detected
Chloroethane	2.9	Not Detected	7.5	Not Detected
Freon 11	0.72	Not Detected	4.0	Not Detected
Ethanol	7.2	33	13	62
Freon 113	0.72	Not Detected	5.5	Not Detected
1,1-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Acetone	7.2	Not Detected	17	Not Detected
2-Propanol	2.9	Not Detected	7.0	Not Detected
Carbon Disulfide	2.9	Not Detected	8.9	Not Detected
3-Chloropropene	2.9	Not Detected	9.0	Not Detected
Methylene Chloride	7.2	Not Detected	25	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Hexane	0.72	Not Detected	2.5	Not Detected
1,1-Dichloroethane	0.72	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.4	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.72	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Cyclohexane	0.72	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.72	Not Detected	4.5	Not Detected
2,2,4-Trimethylpentane	0.72	Not Detected	3.3	Not Detected
Benzene	0.72	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.72	Not Detected	2.9	Not Detected
Heptane	0.72	Not Detected	2.9	Not Detected
Trichloroethene	0.72	Not Detected	3.8	Not Detected
1,2-Dichloropropane	0.72	Not Detected	3.3	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.72	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	0.72	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.72	Not Detected	2.9	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	0.72	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Tetrachloroethene	0.72	Not Detected	4.8	Not Detected
2-Hexanone	2.9	Not Detected	12	Not Detected

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120117	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.43	Date of Analysis:	12/1/25 04:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.72	Not Detected	6.1	Not Detected
1,2-Dibromoethane (EDB)	0.72	Not Detected	5.5	Not Detected
Chlorobenzene	0.72	Not Detected	3.3	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Styrene	0.72	Not Detected	3.0	Not Detected
Bromoform	0.72	Not Detected	7.4	Not Detected
Cumene	0.72	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.72	Not Detected	4.9	Not Detected
Propylbenzene	0.72	Not Detected	3.5	Not Detected
4-Ethyltoluene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,4-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
alpha-Chlorotoluene	0.72	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	21	Not Detected
Hexachlorobutadiene	2.9	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.5	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120107	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/1/25 11:57 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.76	Not Detected	3.8	Not Detected
Freon 114	0.76	Not Detected	5.3	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
Vinyl Chloride	0.76	Not Detected	1.9	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	3.0	Not Detected	8.0	Not Detected
Freon 11	0.76	Not Detected	4.3	Not Detected
Ethanol	7.6	25	14	48
Freon 113	0.76	Not Detected	5.8	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Acetone	7.6	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.5	Not Detected
Carbon Disulfide	3.0	Not Detected	9.5	Not Detected
3-Chloropropene	3.0	Not Detected	9.5	Not Detected
Methylene Chloride	7.6	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	9.0	Not Detected
cis-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.76	Not Detected	3.7	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Benzene	0.76	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.76	Not Detected	3.1	Not Detected
Heptane	0.76	Not Detected	3.1	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.5	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.1	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.1	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120107	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/1/25 11:57 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.76	Not Detected	6.5	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.8	Not Detected
Chlorobenzene	0.76	Not Detected	3.5	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Styrene	0.76	Not Detected	3.2	Not Detected
Bromoform	0.76	Not Detected	7.8	Not Detected
Cumene	0.76	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.2	Not Detected
Propylbenzene	0.76	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	3.9	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	8.0	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120108	Date of Collection:	11/5/25 11:22:00 AM
Dil. Factor:	1.48	Date of Analysis:	12/1/25 12:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	Not Detected	3.6	Not Detected
Freon 114	0.74	Not Detected	5.2	Not Detected
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	Not Detected	1.9	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected	29	Not Detected
Chloroethane	3.0	Not Detected	7.8	Not Detected
Freon 11	0.74	Not Detected	4.2	Not Detected
Ethanol	7.4	25	14	48
Freon 113	0.74	Not Detected	5.7	Not Detected
1,1-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Acetone	7.4	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.3	Not Detected
Carbon Disulfide	3.0	Not Detected	9.2	Not Detected
3-Chloropropene	3.0	Not Detected	9.3	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	8.7	Not Detected
cis-1,2-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.0	Not Detected
Cyclohexane	0.74	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.74	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.4	Not Detected
Benzene	0.74	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	1.5	Not Detected	5.6	Not Detected
trans-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.0	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120108	Date of Collection: 11/5/25 11:22:00 AM
Dil. Factor:	1.48	Date of Analysis: 12/1/25 12:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Styrene	0.74	Not Detected	3.2	Not Detected
Bromoform	0.74	Not Detected	7.6	Not Detected
Cumene	0.74	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.1	Not Detected
Propylbenzene	0.74	Not Detected	3.6	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,3-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	7.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120118	Date of Collection:	11/5/25 11:04:00 AM
Dil. Factor:	1.39	Date of Analysis:	12/1/25 04:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.70	Not Detected	3.4	Not Detected
Freon 114	0.70	Not Detected	4.8	Not Detected
Chloromethane	7.0	Not Detected	14	Not Detected
Vinyl Chloride	0.70	Not Detected	1.8	Not Detected
1,3-Butadiene	0.70	Not Detected	1.5	Not Detected
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	2.8	Not Detected	7.3	Not Detected
Freon 11	0.70	Not Detected	3.9	Not Detected
Ethanol	7.0	35	13	66
Freon 113	0.70	Not Detected	5.3	Not Detected
1,1-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	7.0	Not Detected	16	Not Detected
2-Propanol	2.8	3.8	6.8	9.5
Carbon Disulfide	2.8	Not Detected	8.6	Not Detected
3-Chloropropene	2.8	Not Detected	8.7	Not Detected
Methylene Chloride	7.0	Not Detected	24	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Hexane	0.70	Not Detected	2.4	Not Detected
1,1-Dichloroethane	0.70	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	Not Detected	8.2	Not Detected
cis-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.70	Not Detected	2.0	Not Detected
Chloroform	0.70	Not Detected	3.4	Not Detected
1,1,1-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Cyclohexane	0.70	Not Detected	2.4	Not Detected
Carbon Tetrachloride	0.70	Not Detected	4.4	Not Detected
2,2,4-Trimethylpentane	0.70	Not Detected	3.2	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Heptane	0.70	Not Detected	2.8	Not Detected
Trichloroethene	0.70	Not Detected	3.7	Not Detected
1,2-Dichloropropane	0.70	Not Detected	3.2	Not Detected
1,4-Dioxane	2.8	Not Detected	10	Not Detected
Bromodichloromethane	0.70	Not Detected	4.6	Not Detected
cis-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.70	Not Detected	2.8	Not Detected
Toluene	1.4	Not Detected	5.2	Not Detected
trans-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Tetrachloroethene	0.70	Not Detected	4.7	Not Detected
2-Hexanone	2.8	Not Detected	11	Not Detected

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120118	Date of Collection:	11/5/25 11:04:00 AM
Dil. Factor:	1.39	Date of Analysis:	12/1/25 04:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.70	Not Detected	5.9	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Chlorobenzene	0.70	Not Detected	3.2	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	0.70	Not Detected	3.0	Not Detected
Styrene	0.70	Not Detected	3.0	Not Detected
Bromoform	0.70	Not Detected	7.2	Not Detected
Cumene	0.70	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.70	Not Detected	4.8	Not Detected
Propylbenzene	0.70	Not Detected	3.4	Not Detected
4-Ethyltoluene	0.70	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
alpha-Chlorotoluene	0.70	Not Detected	3.6	Not Detected
1,2-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected
Hexachlorobutadiene	2.8	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.3	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120110	Date of Collection:	11/5/25 11:32:00 AM
Dil. Factor:	1.56	Date of Analysis:	12/1/25 01:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.78	Not Detected	3.8	Not Detected
Freon 114	0.78	Not Detected	5.4	Not Detected
Chloromethane	7.8	Not Detected	16	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	7.8	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.2	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	7.8	44	15	82
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	7.8	Not Detected	18	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	3.1	Not Detected	9.7	Not Detected
3-Chloropropene	3.1	Not Detected	9.8	Not Detected
Methylene Chloride	7.8	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.2	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.6	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	1.6	Not Detected	5.9	Not Detected
trans-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected
2-Hexanone	3.1	Not Detected	13	Not Detected

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120110	Date of Collection:	11/5/25 11:32:00 AM
Dil. Factor:	1.56	Date of Analysis:	12/1/25 01:19 PM

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

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120111	Date of Collection:	11/5/25 11:56:00 AM
Dil. Factor:	1.66	Date of Analysis:	12/1/25 01:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.83	Not Detected	4.1	Not Detected
Freon 114	0.83	Not Detected	5.8	Not Detected
Chloromethane	8.3	Not Detected	17	Not Detected
Vinyl Chloride	0.83	Not Detected	2.1	Not Detected
1,3-Butadiene	0.83	1.6	1.8	3.4
Bromomethane	8.3	Not Detected	32	Not Detected
Chloroethane	3.3	Not Detected	8.8	Not Detected
Freon 11	0.83	Not Detected	4.7	Not Detected
Ethanol	8.3	39	16	74
Freon 113	0.83	Not Detected	6.4	Not Detected
1,1-Dichloroethene	0.83	Not Detected	3.3	Not Detected
Acetone	8.3	9.0	20	22
2-Propanol	3.3	Not Detected	8.2	Not Detected
Carbon Disulfide	3.3	Not Detected	10	Not Detected
3-Chloropropene	3.3	Not Detected	10	Not Detected
Methylene Chloride	8.3	Not Detected	29	Not Detected
Methyl tert-butyl ether	3.3	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.83	Not Detected	3.3	Not Detected
Hexane	0.83	0.88	2.9	3.1
1,1-Dichloroethane	0.83	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.3	Not Detected	9.8	Not Detected
cis-1,2-Dichloroethene	0.83	Not Detected	3.3	Not Detected
Tetrahydrofuran	0.83	Not Detected	2.4	Not Detected
Chloroform	0.83	Not Detected	4.0	Not Detected
1,1,1-Trichloroethane	0.83	Not Detected	4.5	Not Detected
Cyclohexane	0.83	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.83	Not Detected	5.2	Not Detected
2,2,4-Trimethylpentane	0.83	Not Detected	3.9	Not Detected
Benzene	0.83	0.94	2.6	3.0
1,2-Dichloroethane	0.83	Not Detected	3.4	Not Detected
Heptane	0.83	3.2	3.4	13
Trichloroethene	0.83	Not Detected	4.5	Not Detected
1,2-Dichloropropane	0.83	Not Detected	3.8	Not Detected
1,4-Dioxane	3.3	Not Detected	12	Not Detected
Bromodichloromethane	0.83	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.83	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.83	Not Detected	3.4	Not Detected
Toluene	1.7	Not Detected	6.2	Not Detected
trans-1,3-Dichloropropene	0.83	Not Detected	3.8	Not Detected
1,1,2-Trichloroethane	0.83	Not Detected	4.5	Not Detected
Tetrachloroethene	0.83	Not Detected	5.6	Not Detected
2-Hexanone	3.3	Not Detected	14	Not Detected

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120111	Date of Collection: 11/5/25 11:56:00 AM
Dil. Factor:	1.66	Date of Analysis: 12/1/25 01:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.83	Not Detected	7.1	Not Detected
1,2-Dibromoethane (EDB)	0.83	Not Detected	6.4	Not Detected
Chlorobenzene	0.83	Not Detected	3.8	Not Detected
Ethyl Benzene	0.83	Not Detected	3.6	Not Detected
m,p-Xylene	1.7	Not Detected	7.2	Not Detected
o-Xylene	0.83	Not Detected	3.6	Not Detected
Styrene	0.83	Not Detected	3.5	Not Detected
Bromoform	0.83	Not Detected	8.6	Not Detected
Cumene	0.83	Not Detected	4.1	Not Detected
1,1,2,2-Tetrachloroethane	0.83	Not Detected	5.7	Not Detected
Propylbenzene	0.83	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.83	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.83	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.83	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.83	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.83	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.83	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.83	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.3	Not Detected	25	Not Detected
Hexachlorobutadiene	3.3	Not Detected	35	Not Detected
Naphthalene	1.7	Not Detected	8.7	Not Detected

Container Type: 6 Liter Summa Canister

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

Client Sample ID: Lab Blank

Lab ID#: 2511400A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120105	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 08:10 AM

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

Client Sample ID: Lab Blank

Lab ID#: 2511400A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120105	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 08:10 AM

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

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: CCV

Lab ID#: 2511400A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120102	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 06:50 AM

Compound	%Recovery
Freon 12	100
Freon 114	97
Chloromethane	113
Vinyl Chloride	109
1,3-Butadiene	107
Bromomethane	112
Chloroethane	106
Freon 11	102
Ethanol	118
Freon 113	103
1,1-Dichloroethene	101
Acetone	96
2-Propanol	121
Carbon Disulfide	94
3-Chloropropene	100
Methylene Chloride	105
Methyl tert-butyl ether	117
trans-1,2-Dichloroethene	94
Hexane	114
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	104
Tetrahydrofuran	121
Chloroform	100
1,1,1-Trichloroethane	103
Cyclohexane	118
Carbon Tetrachloride	106
2,2,4-Trimethylpentane	125
Benzene	98
1,2-Dichloroethane	102
Heptane	112
Trichloroethene	94
1,2-Dichloropropane	103
1,4-Dioxane	109
Bromodichloromethane	96
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	117
Toluene	100
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	92
Tetrachloroethene	94
2-Hexanone	115

Client Sample ID: CCV

Lab ID#: 2511400A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120102	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 06:50 AM

Compound	%Recovery
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	95
Chlorobenzene	95
Ethyl Benzene	106
m,p-Xylene	105
o-Xylene	107
Styrene	104
Bromoform	92
Cumene	110
1,1,2,2-Tetrachloroethane	95
Propylbenzene	100
4-Ethyltoluene	101
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	95
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	94
Naphthalene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: LCS

Lab ID#: 2511400A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 17120103

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/1/25 07:16 AM

Compound	%Recovery	Method Limits
Freon 12	103	70-130
Freon 114	96	70-130
Chloromethane	117	70-130
Vinyl Chloride	126	70-130
1,3-Butadiene	128	70-130
Bromomethane	114	70-130
Chloroethane	104	70-130
Freon 11	104	70-130
Ethanol	123	70-130
Freon 113	98	70-130
1,1-Dichloroethene	99	70-130
Acetone	87	70-130
2-Propanol	134 Q	70-130
Carbon Disulfide	85	70-130
3-Chloropropene	101	70-130
Methylene Chloride	96	70-130
Methyl tert-butyl ether	102	70-130
trans-1,2-Dichloroethene	86	70-130
Hexane	104	70-130
1,1-Dichloroethane	99	70-130
2-Butanone (Methyl Ethyl Ketone)	95	70-130
cis-1,2-Dichloroethene	106	70-130
Tetrahydrofuran	106	70-130
Chloroform	88	70-130
1,1,1-Trichloroethane	102	70-130
Cyclohexane	103	70-130
Carbon Tetrachloride	105	70-130
2,2,4-Trimethylpentane	108	70-130
Benzene	90	70-130
1,2-Dichloroethane	93	70-130
Heptane	100	70-130
Trichloroethene	86	70-130
1,2-Dichloropropane	92	70-130
1,4-Dioxane	100	70-130
Bromodichloromethane	102	70-130
cis-1,3-Dichloropropene	105	70-130
4-Methyl-2-pentanone	106	70-130
Toluene	90	70-130
trans-1,3-Dichloropropene	106	70-130
1,1,2-Trichloroethane	98	70-130
Tetrachloroethene	85	70-130
2-Hexanone	106	70-130

Client Sample ID: LCS

Lab ID#: 2511400A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120103	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 07:16 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	96	70-130
1,2-Dibromoethane (EDB)	99	70-130
Chlorobenzene	86	70-130
Ethyl Benzene	96	70-130
m,p-Xylene	96	70-130
o-Xylene	99	70-130
Styrene	108	70-130
Bromoform	100	70-130
Cumene	98	70-130
1,1,2,2-Tetrachloroethane	98	70-130
Propylbenzene	104	70-130
4-Ethyltoluene	110	70-130
1,3,5-Trimethylbenzene	103	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3-Dichlorobenzene	96	70-130
1,4-Dichlorobenzene	98	70-130
alpha-Chlorotoluene	105	70-130
1,2-Dichlorobenzene	101	70-130
1,2,4-Trichlorobenzene	96	70-130
Hexachlorobutadiene	95	70-130
Naphthalene	119	60-140

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: LCSD

Lab ID#: 2511400A-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 17120104
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 12/1/25 07:41 AM

Compound	%Recovery	Method Limits
Freon 12	103	70-130
Freon 114	97	70-130
Chloromethane	130	70-130
Vinyl Chloride	128	70-130
1,3-Butadiene	131 Q	70-130
Bromomethane	110	70-130
Chloroethane	108	70-130
Freon 11	104	70-130
Ethanol	130	70-130
Freon 113	96	70-130
1,1-Dichloroethene	103	70-130
Acetone	88	70-130
2-Propanol	139 Q	70-130
Carbon Disulfide	88	70-130
3-Chloropropene	101	70-130
Methylene Chloride	101	70-130
Methyl tert-butyl ether	103	70-130
trans-1,2-Dichloroethene	88	70-130
Hexane	110	70-130
1,1-Dichloroethane	104	70-130
2-Butanone (Methyl Ethyl Ketone)	95	70-130
cis-1,2-Dichloroethene	108	70-130
Tetrahydrofuran	110	70-130
Chloroform	90	70-130
1,1,1-Trichloroethane	103	70-130
Cyclohexane	103	70-130
Carbon Tetrachloride	104	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	88	70-130
1,2-Dichloroethane	90	70-130
Heptane	98	70-130
Trichloroethene	86	70-130
1,2-Dichloropropane	90	70-130
1,4-Dioxane	100	70-130
Bromodichloromethane	102	70-130
cis-1,3-Dichloropropene	102	70-130
4-Methyl-2-pentanone	106	70-130
Toluene	88	70-130
trans-1,3-Dichloropropene	104	70-130
1,1,2-Trichloroethane	97	70-130
Tetrachloroethene	86	70-130
2-Hexanone	106	70-130

Client Sample ID: LCSD

Lab ID#: 2511400A-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120104	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 07:41 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	95	70-130
1,2-Dibromoethane (EDB)	97	70-130
Chlorobenzene	85	70-130
Ethyl Benzene	95	70-130
m,p-Xylene	95	70-130
o-Xylene	97	70-130
Styrene	108	70-130
Bromoform	99	70-130
Cumene	97	70-130
1,1,2,2-Tetrachloroethane	98	70-130
Propylbenzene	103	70-130
4-Ethyltoluene	109	70-130
1,3,5-Trimethylbenzene	103	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3-Dichlorobenzene	97	70-130
1,4-Dichlorobenzene	101	70-130
alpha-Chlorotoluene	108	70-130
1,2-Dichlorobenzene	102	70-130
1,2,4-Trichlorobenzene	108	70-130
Hexachlorobutadiene	99	70-130
Naphthalene	127	60-140

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

Analytical Report

12/4/2025

Mr. Logan Hester

S & ME, Inc.

3201 Spring Forest Road

Raleigh NC 27616

Project Name:

Project #: 23050630

Workorder #: 2511400B

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/13/2025 at Eurofins Air Toxics LLC.

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

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

Regards,



Brian Whittaker

Project Manager

WORK ORDER #: 2511400B

Work Order Summary

CLIENT: Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

BILL TO: Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

PHONE: 919-872-2660

P.O. #

FAX: 919-790-8909

PROJECT # 23050630

DATE RECEIVED: 11/13/2025

CONTACT: Brian Whittaker

DATE COMPLETED: 12/04/2025

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	825-LFGP-DUP	Modified ASTM D-1946	6.5 "Hg	1.8 psi
02A	825-LFGP-5	Modified ASTM D-1946	8 "Hg	1.7 psi
03A	825-LFGP-4	Modified ASTM D-1946	7.3 "Hg	1.8 psi
04A	825-LFGP-3	Modified ASTM D-1946	6.5 "Hg	1.3 psi
05A	825-LFGP-2	Modified ASTM D-1946	8.4 "Hg	1.8 psi
06A	825-LFGP-1	Modified ASTM D-1946	9.6 "Hg	1.9 psi
07A	Lab Blank	Modified ASTM D-1946	NA	NA
08A	CCV	Modified ASTM D-1946	NA	NA
09A	LCS	Modified ASTM D-1946	NA	NA
09AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY:



Technical Director

DATE: 12/04/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
Modified ASTM D-1946
S & ME, Inc.
Workorder# 2511400B

Six 6 Liter Summa Canister samples were received on November 13, 2025. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane in air using GC/FID. The method involves direct injection of 1.0 mL of sample.

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

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

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

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

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

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400B-01A

No Detections Were Found.

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400B-02A

No Detections Were Found.

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400B-03A

No Detections Were Found.

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400B-04A

No Detections Were Found.

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400B-05A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00022

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400B-06A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00023



Air Toxics

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120214	Date of Collection: 11/5/25 10:50:00 AM
Dil. Factor:	1.43	Date of Analysis: 12/2/25 05:20 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120215	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/2/25 06:22 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120216	Date of Collection: 11/5/25 11:22:00 AM
Dil. Factor:	1.49	Date of Analysis: 12/2/25 06:52 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120217	Date of Collection:	11/5/25 11:04:00 AM
Dil. Factor:	1.39	Date of Analysis:	12/2/25 07:22 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120218	Date of Collection:	11/5/25 11:32:00 AM
Dil. Factor:	1.56	Date of Analysis:	12/2/25 07:48 PM

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00022

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120219	Date of Collection: 11/5/25 11:56:00 AM
Dil. Factor:	1.66	Date of Analysis: 12/2/25 08:24 PM

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00023

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2511400B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120203

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/2/25 12:16 PM

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

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: CCV

Lab ID#: 2511400B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120201

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/2/25 10:45 AM

Compound

%Recovery

Methane

95

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCS

Lab ID#: 2511400B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120202
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 12/2/25 11:31 AM

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2511400B-09AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120225

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/3/25 08:55 AM

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable



Air Toxics

Eurofins Environment Testing Northern California, LLC

180 Blue Ravine Rd, Suite B, Folsom, CA 95630

Phone (800) 985-5955; Fax (916) 351-8279

Analysis Request / Canister Chain of Custody

If no TAT is marked,
EATL will proceed
with Standard TAT

Workorder #:

2511400

650-1122 COC

page 1 of 1

Client:

Site Name: Durham Parks - NCP

Project Manager:

Jerry Paul

Sampler:

BME + LH

Project Name:

Project #:

23050630

PO#:

Turnaround Time (Specify Below)

Standard

X

Rush:

(Surcharges will apply, per availability)

Samples received after 4PM PST
are considered to be received on
the following weekday.

Requested Date (mm/dd/yy):

OR Number of Days:

Requested Analyses

Canister Vacuum/Pressure

Lab Use Only

Lab ID Field Sample Identification (Location)

Canister Barcode #

Flow Controller Barcode #

Start Sampling Information

Stop Sampling Information

Initial (in Hg)

Final (in Hg)

Receipt (in Hg)

Final (in psi)
Gas: N2 / He

Lab ID

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Special Instructions/Notes:

Relinquished by: (Signature/Affiliation)

Relinquished by: (Signature/Affiliation)

Relinquished by: (Signature/Affiliation)

Relinquished by: (Signature/Affiliation)

Date

Date

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Time

Received by: (Signature/Affiliation)

Received by: (Signature/Affiliation)

Received by: (Signature/Affiliation)

Received by: (Signature/Affiliation)

Date

Date

Date

Date

Time

Time

Time

Time

Shipper Name:

Custody Seals Intact?

Yes

No

None

Condition:

Lab Use Only

Sample Transportation Notice: Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O. T Hotline (800) 467-4922

**EMSL Analytical, Inc.**

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

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

EMSL Order ID: 012541160
LIMS Reference ID: AD41160
EMSL Customer ID: SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/06/2025 09:30
Reported: 11/20/2025 15:16

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AD41160-01	825-LFGP-1	Air	11/05/2025	11/06/2025
AD41160-02	825-LFGP-2	Air	11/05/2025	11/06/2025
AD41160-03	825-LFGP-3	Air	11/05/2025	11/06/2025
AD41160-04	825-LFGP-4	Air	11/05/2025	11/06/2025
AD41160-05	825-LFGP-5	Air	11/05/2025	11/06/2025
AD41160-06	825-LFGP-DUP	Air	11/05/2025	11/06/2025

Owen McKenna Laboratory Manager or other approved signatory

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

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

**EMSL Analytical, Inc.**

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

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

EMSL Order ID: 012541160**LIMS Reference ID:** AD41160**EMSL Customer ID:** SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)

Customer PO:

EMSL Sales Rep: Jason McDonald

Received: 11/06/2025 09:30

Reported: 11/20/2025 15:16

Analysis Case Narrative

Method Reference

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

Column

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

Concentrator Traps:

2.0 cc Loop

Gas Standards:

Certified Gas standards were used for all analyses.

Sample Volumes:

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

Sampling Pressures:

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

Holding Times:

All holding times were met.

Sample Pressures:

All samples received in summa canisters were slightly pressurized with UHP diluent and transferred to tedlar bags prior to analysis.

Sample Pressures:

Initial Calibration:

All acceptance criteria were met.

Initial Calibration Verification Standard (ICVS)- Second Source:

All acceptance criteria were met.

Laboratory Control Samples (LCS):

All acceptance criteria were met.

Continuing Calibration Verification Standard (CCVS):

All acceptance criteria were met.

Method Blanks (MB):

All acceptance criteria were met.

Sample Duplicate:

All acceptance criteria were met.

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Customer PO:

EMSL Sales Rep: Jason McDonald

Received: 11/06/2025 09:30

Reported: 11/20/2025 15:16

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

Owen McKenna Laboratory Manager or other approved signatory

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jpaul@smeinc.com

EMSL Order ID: 012541160
LIMS Reference ID: AD41160
EMSL Customer ID: SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/06/2025 09:30
Reported: 11/20/2025 15:16

EMSL Sample ID: AD41160-01
Customer Sample ID: 825-LFGP-1

Collected: 11/05/2025 14:35
Received: 11/06/2025 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/06/25 17:28	BDK0696	R1547.D	825-LFGP-1	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/06/25 17:28	
Total Target Compound Concentrations:			0			0			

Threshold References

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

PEL= Permissible Exposure Limit
REL=Recommended Exposure Limit
TWA=Time Weighted Average
NE= Not established
TLV=Threshold Limit Value

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EMSL-CIN-01

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

EMSL Order ID: 012541160**LIMS Reference ID:** AD41160**EMSL Customer ID:** SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)

Customer PO:**EMSL Sales Rep:** Jason McDonald**Received:** 11/06/2025 09:30**Reported:** 11/20/2025 15:16**EMSL Sample ID:** AD41160-02**Collected:** 11/05/2025 14:30**Customer Sample ID:** 825-LFGP-2**Received:** 11/06/2025 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/06/25 17:40	BDK0696	R1548.D	825-LFGP-2	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/06/25 17:40	
Total Target Compound Concentrations:			0			0			

Threshold References

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

Reference¹ www.osha.gov² "Odor Thresholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989³ MSDS sheet, www.arkema-inc.com**Agency Definitions**

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Method Reference

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

Exposure Limit Definitions

PEL= Permissible Exposure Limit

TWA=Time Weighted Average

TLV=Threshold Limit Value

REL=Recommended Exposure Limit

NE= Not established

**EMSL Analytical, Inc.**

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EMSL Order ID: 012541160
LIMS Reference ID: AD41160
EMSL Customer ID: SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/06/2025 09:30
Reported: 11/20/2025 15:16

EMSL Sample ID: AD41160-03
Customer Sample ID: 825-LFGP-3

Collected: 11/05/2025 14:15
Received: 11/06/2025 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/06/25 17:53	BDK0696	R1549.D	825-LFGP-3	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/06/25 17:53	
Total Target Compound Concentrations:			0			0			

Threshold References

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

Reference

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

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Method Reference

ASTM D5504-12: Standard Test Method for Determination of Sulfur
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Chemiluminescence

Exposure Limit Definitions

PEL= Permissible Exposure Limit
REL=Recommended Exposure Limit
TWA=Time Weighted Average
NE= Not established
TLV=Threshold Limit Value

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

EMSL Order ID: 012541160**LIMS Reference ID:** AD41160**EMSL Customer ID:** SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)

Customer PO:**EMSL Sales Rep:** Jason McDonald**Received:** 11/06/2025 09:30**Reported:** 11/20/2025 15:16**EMSL Sample ID:** AD41160-04**Collected:** 11/05/2025 14:20**Customer Sample ID:** 825-LFGP-4**Received:** 11/06/2025 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/06/25 18:06	BDK0696	R1550.D	825-LFGP-4	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/06/25 18:06	
Total Target Compound Concentrations:			0			0			

Threshold References

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

Reference¹ www.osha.gov² "Odor Thresholds for Chemicals with Established Occupational Health Standards", AIHA, Fairfax VA, 1989³ MSDS sheet, www.arkema-inc.com**Agency Definitions**

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Method Reference

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Chemiluminescence

Exposure Limit Definitions

PEL= Permissible Exposure Limit

TWA=Time Weighted Average

TLV=Threshold Limit Value

REL=Recommended Exposure Limit

NE= Not established

**EMSL Analytical, Inc.**

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

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

EMSL Order ID: 012541160
LIMS Reference ID: AD41160
EMSL Customer ID: SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/06/2025 09:30
Reported: 11/20/2025 15:16

EMSL Sample ID: AD41160-05
Customer Sample ID: 825-LFGP-5

Collected: 11/05/2025 14:10
Received: 11/06/2025 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/06/25 18:19	BDK0696	R1551.D	825-LFGP-5	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/06/25 18:19	
Total Target Compound Concentrations:			0			0			

Threshold References

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

Reference

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

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Exposure Limit Definitions

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REL=Recommended Exposure Limit
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NE= Not established
TLV=Threshold Limit Value

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EMSL Order ID: 012541160
LIMS Reference ID: AD41160
EMSL Customer ID: SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 11/06/2025 09:30
Reported: 11/20/2025 15:16

EMSL Sample ID: AD41160-06
Customer Sample ID: 825-LFGP-DUP

Collected: 11/05/2025 00:00
Received: 11/06/2025 09:30

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
11/06/25 18:33	BDK0696	R1552.D	825-LFGP-DUP	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	11/06/25 18:33	
Total Target Compound Concentrations:			0			0			

Threshold References

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

Reference

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

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Exposure Limit Definitions

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REL=Recommended Exposure Limit
TWA=Time Weighted Average
NE= Not established
TLV=Threshold Limit Value

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EMSL-CIN-01

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(919) 872-2660
jpaul@smeinc.com

EMSL Order ID: 012541160**LIMS Reference ID:** AD41160**EMSL Customer ID:** SMEI60

Project Name: City of Durham Parks-23050630 Ph. D
(Northgate Park 825RI-9)

Customer PO:

EMSL Sales Rep: Jason McDonald

Received: 11/06/2025 09:30

Reported: 11/20/2025 15:16

Notes and Definitions

Item	Definition
D	Analyte was reported from a dilution run.
ND	Non Detect. This notation would be used in the results column in lieu of a "U" qualifier.
U	Compound was analyzed for but not detected at a listed and appropriately adjusted reporting level.
J(Target)	Concentration estimated between Reporting Limit and MDL.
J	Estimated value reported below adjusted reporting limit for target compounds or estimating a concentration for TICs where a 1:1 response is assumed
B	Compound found in associated method blank as well as in the sample.
E	Estimated value exceeding upper calibration range of instrument. Ethanol and isopropyl alcohol are not specifically targeted to dilute within calibration range.
D	Compound reported from additional diluted analysis.
N	indicates presumptive evidence of a compound based on library search match.



EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only

AD 41160

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
RECEIVED
EMSL PHONE: (800) 220-3675
CINNAMINSON, N.J.
EPC@EMSL.com

Page 11 of 14

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

Project Name/No: City of Durham Parks - 23050630 Ph. D (Northgate Park 825RI-9)		Purchase Order:	
EMSL LIMS Project ID:		State of Connecticut (CT) must select project location:	
(If applicable, EMSL will provide)		☐ Commercial (Taxable) ☐ Residential (Non-Taxable)	
Samples for Compliance? ☐ Yes ☐ No		If Yes, for NPDES? ☐ Yes ☐ No	
Samples Collected by (Check One): ☐ EMSL ☒ CLIENT		Samples Received Chilled? ☐ Yes ☐ No	
Sampled By Name: Brandon Governor		Sampled By Signature: [Signature]	
Turn-Around-Time (TAT): Standard Turn-Around-Time: ☒ 2 Weeks		The following TATs are subject to Lab approval. Call lab to confirm TAT before submittal.	
List Test(s) Needed: in test below, then record # of bottles for each test in box		(Write)	
Test 1: ASTM D5504		Test 2:	
Test 3:		Test 4:	
Field pH		Field pH	
Field Temp. Deg. C		Field Temp. Test Time	
Comments		Low Level H2S	

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	Test 1:	Test 2:	Test 3:	Test 4:	Field pH	Field Temp. Test Time	Field Temp. Test Time	Field Temp. Test Time
825-LFGP-1	☐	☒	11-5 1435	A	1-HCL 2-HNO3 3-H2SO4 4-ICE 5-Other Describe below in Special Instructions	X							
825-LFGP-2	☐	☒	11-5 1436	A		X							
825-LFGP-3	☐	☒	11-5 1415	A		X							
825-LFGP-4	☐	☒	11-5 1420	A		X							

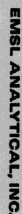
Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Reporting requirements:		☐ Results Only ☐ Results and QC	
Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: [Signature]		Received by: [Signature]	
Date/Time: 11/5/25 16:35		Date/Time: 11/6/25 9:00 AM	
Relinquished by: [Signature]		Received by: [Signature]	
Date/Time: 11/5/25		Date/Time: 11/6/25	

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

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

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



EMSL Order Number / Lab Use Only

#041160

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08070
PHONE: (609) 226-3675
EMAIL: EnvChemistry@EMSL.com

Page 12 of 14

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)																	
Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed:					(Write)						
				DW=Drinking Water WW=Wastewater S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other Describe below in Special Instructions	Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments			
825-LFGP-5	☐	☒	11-5 1410	A		X											
825-LFGP-DUP	☐	☒	11-5	A		X											
	☐	☐															
	☐	☐															
	☐	☐															
	☐	☐															
	☐	☐															
	☐	☐															
Method of Shipment:				Sample Condition Upon Receipt:				Received on Ice? ☐				Received on Ice? Check if Yes					
Relinquished by: <i>BLD</i> <i>StME</i>				Date/Time: <i>11-5</i> <i>1635</i>				Received by: <i>EFX</i>				Date/Time: <i>11/6/25 9:30 AM</i>					
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.)

ENSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to ENSL 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 41160

EMSL Analytical, Inc.
200 Rt. 130 N
Cinnaminson, NJ 08077
RECEIVED
EMSL PHONE: (800) 220-3675
CINNAMINSON, N.J.
EPC@EMSL.com

2025 NOV -6 A 10:34

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

Project Name/No:	City of Durham Parks - 23050630 Ph. D (Northgate Park 825RI-9)			Purchase Order:	
EMSL LIMS Project ID:		US State where samples collected:	NC	State of Connecticut (CT) must select project location:	
(If applicable, EMSL will provide)				Commercial (Taxable)	☐
Samples for Compliance?	☐ Yes ☐ No	If Yes, for NPDES?	☐ Yes ☐ No	Other (Specify)	
Samples Collected by (Check One):	☐ EMSL ☒ CLIENT	Samples Received Chilled?	☐ Yes ☐ No		
Sampled By Name:	Brandon Governor	Sampled By Signature:			
Turn-Around-Time (TAT)	Standard Turn-Around-Time:		☒ 2 Weeks	The following TATs are subject to Lab approval. Call lab to confirm TAT before submittal.	
			☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day		
				No. Samples in Shipment:	

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: in test below, then record # of bottles for each test in box				Field pH	Field pH Test Time	Field Temp. Test Deg. C	Field Temp. Test Time	Comments
						Test 1:	Test 2:	Test 3:	Test 4:					
825-LFGP-1	☐	☒	11-5 1435	A		X								Low Level H2S
825-LFGP-2	☐	☒	11-5 1436	A		X								
825-LFGP-3	☐	☒	11-5 1415	A		X								
825-LFGP-4	☐	☒	11-5 1420	A		X								

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

Reporting requirements:	☐ Results Only	☐ Results and QC	☐ Reduced Deliverables	☐ HZresults EDD	☐ Excel	☐ Other
Method of Shipment:	Fedex		Sample Condition Upon Receipt:			
Relinquished by:	State	Date/Time: 11/5/25 16:35	Received by:	ETX	Date/Time: 11/6/25 9:00 AM	Received on Ice? ☐
Relinquished by:		Date/Time:	Received by:		Date/Time:	Check if Yes ☐

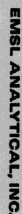
Controlled Document - COC-80 Chemistry Sampling Event R4 07/15/2025

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

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

Page 1 of 2



EMSL Order Number / Lab Use Only

#041160

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.)

EMSL Analytical, Inc.

200 Rt. 130 N
Cinnaminson, NJ

ENC

PHONE: (800) 220-3675

EMAIL: EnvChemistry2@EMSL.com

5501A

100

Page 14 of 14

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)															
Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed:				(Write)			Comments		
				DW=Drinking Water WW=Wastewater S=Soil A=Air SL=Sludge O=Other	1=HCL 2=HNO3 3=H2SO4 4=CE 5=Other Describe below in Special Instructions	Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C		Field Temp. Test Time	
825-LFGP-5	☐	☒	11-5 1410	A		X									
825-LFGP-DUP	☐	☒	11-5	A		X									
	☐	☐													
	☐	☐													
	☐	☐													
	☐	☐													
	☐	☐													
	☐	☐													
	☐	☐													
	☐	☐													
Method of Shipment: <i>Fedex</i>				Sample Condition Upon Receipt:				Received on Ice? ☐				Received on Ice? Check if Yes			
Relinquished by: <i>BLD</i> <i>StME</i>				Date/Time: <i>11-5</i> <i>1635</i>				Received by: <i>EFX</i>				Date/Time: <i>11/6/25 9:30 AM</i>			
Relinquished by:				Date/Time:				Received by:				Date/Time:			

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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: 012543588

LIMS Reference ID: AD43588

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 - Phase D
(Northgate Park 825RI-9)

Project ID: _Master Project-SMEI60

Customer PO:

Sales Rep: Jason McDonald

Received: 11/25/2025 12:00

Reported: 12/10/2025 14:59

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: AD43588-01 Matrix: Tubes Sampled: 11/05/25 11:56:00									
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 13:59	SD	NIOSH 6009
Sample: 825-LFGP-2 Lims Reference ID: AD43588-02 Matrix: Tubes Sampled: 11/05/25 11:53:00									
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:02	SD	NIOSH 6009
Sample: 825-LFGP-3 Lims Reference ID: AD43588-03 Matrix: Tubes Sampled: 11/05/25 11:50:00									
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:04	SD	NIOSH 6009
Sample: 825-LFGP-4 Lims Reference ID: AD43588-04 Matrix: Tubes Sampled: 11/05/25 11:51:00									
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:07	SD	NIOSH 6009
Sample: 825-LFGP-5 Lims Reference ID: AD43588-05 Matrix: Tubes Sampled: 11/05/25 11:49:00									
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:09	SD	NIOSH 6009
Sample: 825-LFGP-DUP Lims Reference ID: AD43588-06 Matrix: Tubes Sampled: 11/05/25 11:49:00									
Metals									
Mercury	ND		1	0.83	µg/m³	12/05/25 10:59	12/05/25 14:12	SD	NIOSH 6009



EMSL Analytical, Inc.

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

EMSL Order ID: 012543588

LIMS Reference ID: AD43588

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 - Phase D
(Northgate Park 825RI-9)

Project ID: _Master Project-SMEI60

Customer PO:

Sales Rep: Jason McDonald

Received: 11/25/2025 12:00

Reported: 12/10/2025 14:59

Work Order Case Narrative

Emailed client for signature 11/26/25

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012543588

LIMS Reference ID: AD43588

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 - Phase D
(Northgate Park 825RI-9)

Project ID: _Master Project-SMEI60

Customer PO:

Sales Rep: Jason McDonald

Received: 11/25/2025 12:00

Reported: 12/10/2025 14:59

Certified Analyses included in this Report

Analyte	Certifications
<i>NIOSH 6009 in Tubes</i>	
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: 012543588**LIMS Reference ID:** AD43588**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 - Phase D
(Northgate Park 825RI-9)

Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 11/25/2025 12:00
Reported: 12/10/2025 14:59

Notes and Definitions

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

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

Owen McKenna Laboratory Manager or other approved signatory

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



EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only

AD 43588

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

PHONE: (800) 220-3875
EMAIL: o@emsl.com

If Billed to the same as Report To leave this section blank. Third party billing requires written authorization.

Customer Information				Billing Information							
Customer ID:	S&ME			Billing ID:	Company Name:						
Company Name:	Gerald Paul			Billing Contact:	Street Address:						
Contact Name:	3201 Spring Forest Road			Street Address:	City, State, Zip:						
Street Address:	Raleigh, NC 27616			City, State, Zip:	Country:						
City, State, Zip:	919-801-6482			Phone:	Country:						
Phone:	jpaull@smelinc.com ; lhester@smelinc.com			Email(s) for Invoice:	Email(s) for Report:						
Email(s) for Report:	City of Durham Parks - 23050630 Phase D (Northgate Park 825R1-9)			Purchase Order:							
Project Name/ID: City of Durham Parks - 23050630 Phase D (Northgate Park 825R1-9)				US State where samples collected: NC				State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)			
EMSL LIMS Project ID: (If applicable, EMSL will provide)				Media Manufacturer/Part Number:				Media Lot Number:			
Media Type: AIR				Sampled By Name: Logan Hester				Sampled By Signature:			
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)				No Samples in Shipment 6			
Client Sample ID	Location/Description	Analyte/Method	Media	Flow (lpm)	Sample Time On	Off	Volumes/Aves	Sample Type	Sample Date	Comments	
825-LFGP-1		HIOH - 6000 Mercury	Sorbent Tube		1156	1256		☐ Ave ☐ Personal	11/5/2025		
825-LFGP-2		HIOH - 6000 Mercury	Sorbent Tube		1153	1253		☐ Ave ☐ Personal	11/5/2025		
825-LFGP-3		HIOH - 6000 Mercury	Sorbent Tube		1150	1250		☐ Ave ☐ Personal	11/5/2025		
825-LFGP-4		HIOH - 6000 Mercury	Sorbent Tube		1151	1251		☐ Ave ☐ Personal	11/5/2025		
825-LFGP-5		HIOH - 6000 Mercury	Sorbent Tube		1149	1249		☐ Ave ☐ Personal	11/5/2025		
825-LFGP-DUP		HIOH - 6000 Mercury	Sorbent Tube		1149	1249		☐ Ave ☐ Personal	11/5/2025		

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

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: <i>FEDER</i>	Date/Time: 11/3/25	Received by: <i>Paul Hester</i>	Date/Time: 11/5/25 12:00
Relinquished by:	Date/Time:	Received by:	Date/Time:

Consent Document: CDD-21 Industrial Hygiene R4 06/12/2021 ☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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Analytical Report

12/4/2025

Mr. Logan Hester

S & ME, Inc.

3201 Spring Forest Road

Raleigh NC 27616

Project Name:

Project #: 23050630

Workorder #: 2511400B

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/13/2025 at Eurofins Air Toxics LLC.

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

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

Regards,



Brian Whittaker

Project Manager

WORK ORDER #: 2511400B

Work Order Summary

CLIENT: Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

BILL TO: Mr. Logan Hester
S & ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616

PHONE: 919-872-2660

P.O. #

FAX: 919-790-8909

PROJECT # 23050630

DATE RECEIVED: 11/13/2025

CONTACT: Brian Whittaker

DATE COMPLETED: 12/04/2025

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	825-LFGP-DUP	Modified ASTM D-1946	6.5 "Hg	1.8 psi
02A	825-LFGP-5	Modified ASTM D-1946	8 "Hg	1.7 psi
03A	825-LFGP-4	Modified ASTM D-1946	7.3 "Hg	1.8 psi
04A	825-LFGP-3	Modified ASTM D-1946	6.5 "Hg	1.3 psi
05A	825-LFGP-2	Modified ASTM D-1946	8.4 "Hg	1.8 psi
06A	825-LFGP-1	Modified ASTM D-1946	9.6 "Hg	1.9 psi
07A	Lab Blank	Modified ASTM D-1946	NA	NA
08A	CCV	Modified ASTM D-1946	NA	NA
09A	LCS	Modified ASTM D-1946	NA	NA
09AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY:



Technical Director

DATE: 12/04/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
Modified ASTM D-1946
S & ME, Inc.
Workorder# 2511400B

Six 6 Liter Summa Canister samples were received on November 13, 2025. The laboratory performed analysis via Modified ASTM Method D-1946 for Methane in air using GC/FID. The method involves direct injection of 1.0 mL of sample.

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

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

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

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

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

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400B-01A

No Detections Were Found.

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400B-02A

No Detections Were Found.

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400B-03A

No Detections Were Found.

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400B-04A

No Detections Were Found.

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400B-05A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00022

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400B-06A

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00023



Air Toxics

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120214	Date of Collection: 11/5/25 10:50:00 AM
Dil. Factor:	1.43	Date of Analysis: 12/2/25 05:20 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120215	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/2/25 06:22 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120216	Date of Collection: 11/5/25 11:22:00 AM
Dil. Factor:	1.49	Date of Analysis: 12/2/25 06:52 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120217

Date of Collection: 11/5/25 11:04:00 AM

Dil. Factor: 1.39

Date of Analysis: 12/2/25 07:22 PM

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

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120218	Date of Collection:	11/5/25 11:32:00 AM
Dil. Factor:	1.56	Date of Analysis:	12/2/25 07:48 PM

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00016	0.00022

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	11120219	Date of Collection: 11/5/25 11:56:00 AM
Dil. Factor:	1.66	Date of Analysis: 12/2/25 08:24 PM

Compound	Rpt. Limit (%)	Amount (%)
Methane	0.00017	0.00023

Container Type: 6 Liter Summa Canister



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2511400B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120203

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/2/25 12:16 PM

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

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: CCV

Lab ID#: 2511400B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120201

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/2/25 10:45 AM

Compound

%Recovery

Methane

95

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCS

Lab ID#: 2511400B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120202
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 12/2/25 11:31 AM

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2511400B-09AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name: 11120225

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/3/25 08:55 AM

Compound	%Recovery	Method Limits
Methane	96	85-115

Container Type: NA - Not Applicable

Analytical Report

12/2/2025

Mr. Logan Hester

S & ME, Inc.

3201 Spring Forest Road

Raleigh NC 27616

Project Name:

Project #: 23050630

Workorder #: 2511400A

Dear Mr. Logan Hester

The following report includes the data for the above referenced project for sample(s) received on 11/13/2025 at Eurofins Air Toxics LLC.

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

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

Regards,



Brian Whittaker

Project Manager

WORK ORDER #: 2511400A

Work Order Summary

CLIENT:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616	BILL TO:	Mr. Logan Hester S & ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616
PHONE:	919-872-2660	P.O. #	
FAX:	919-790-8909	PROJECT #	23050630
DATE RECEIVED:	11/13/2025	CONTACT:	Brian Whittaker
DATE COMPLETED:	12/02/2025		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	825-LFGP-DUP	TO-15	6.5 "Hg	1.8 psi
02A	825-LFGP-5	TO-15	8 "Hg	1.7 psi
03A	825-LFGP-4	TO-15	7.3 "Hg	1.8 psi
04A	825-LFGP-3	TO-15	6.5 "Hg	1.3 psi
05A	825-LFGP-2	TO-15	8.4 "Hg	1.8 psi
06A	825-LFGP-1	TO-15	9.6 "Hg	1.9 psi
07A	Lab Blank	TO-15	NA	NA
08A	CCV	TO-15	NA	NA
09A	LCS	TO-15	NA	NA
09AA	LCSD	TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 12/02/25

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP-02089, MN NELAP-2836569, NH NELAP-209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21

Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000

LABORATORY NARRATIVE
EPA Method TO-15
S & ME, Inc.
Workorder# 2511400A

Six 6 Liter Summa Canister samples were received on November 13, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

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

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

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

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

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

N - The identification is based on presumptive evidence.

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

CN - See Case Narrative.

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

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.2	33	13	62

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.6	25	14	48

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.4	25	14	48

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.0	35	13	66
2-Propanol	2.8	3.8	6.8	9.5

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	7.8	44	15	82

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,3-Butadiene	0.83	1.6	1.8	3.4

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

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

Ethanol	8.3	39	16	74
Acetone	8.3	9.0	20	22
Hexane	0.83	0.88	2.9	3.1
Benzene	0.83	0.94	2.6	3.0
Heptane	0.83	3.2	3.4	13

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120117	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.43	Date of Analysis:	12/1/25 04:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.72	Not Detected	3.5	Not Detected
Freon 114	0.72	Not Detected	5.0	Not Detected
Chloromethane	7.2	Not Detected	15	Not Detected
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
1,3-Butadiene	0.72	Not Detected	1.6	Not Detected
Bromomethane	7.2	Not Detected	28	Not Detected
Chloroethane	2.9	Not Detected	7.5	Not Detected
Freon 11	0.72	Not Detected	4.0	Not Detected
Ethanol	7.2	33	13	62
Freon 113	0.72	Not Detected	5.5	Not Detected
1,1-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Acetone	7.2	Not Detected	17	Not Detected
2-Propanol	2.9	Not Detected	7.0	Not Detected
Carbon Disulfide	2.9	Not Detected	8.9	Not Detected
3-Chloropropene	2.9	Not Detected	9.0	Not Detected
Methylene Chloride	7.2	Not Detected	25	Not Detected
Methyl tert-butyl ether	2.9	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Hexane	0.72	Not Detected	2.5	Not Detected
1,1-Dichloroethane	0.72	Not Detected	2.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.9	Not Detected	8.4	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.72	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Cyclohexane	0.72	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.72	Not Detected	4.5	Not Detected
2,2,4-Trimethylpentane	0.72	Not Detected	3.3	Not Detected
Benzene	0.72	Not Detected	2.3	Not Detected
1,2-Dichloroethane	0.72	Not Detected	2.9	Not Detected
Heptane	0.72	Not Detected	2.9	Not Detected
Trichloroethene	0.72	Not Detected	3.8	Not Detected
1,2-Dichloropropane	0.72	Not Detected	3.3	Not Detected
1,4-Dioxane	2.9	Not Detected	10	Not Detected
Bromodichloromethane	0.72	Not Detected	4.8	Not Detected
cis-1,3-Dichloropropene	0.72	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.72	Not Detected	2.9	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
trans-1,3-Dichloropropene	0.72	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.72	Not Detected	3.9	Not Detected
Tetrachloroethene	0.72	Not Detected	4.8	Not Detected
2-Hexanone	2.9	Not Detected	12	Not Detected

Client Sample ID: 825-LFGP-DUP

Lab ID#: 2511400A-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120117	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.43	Date of Analysis:	12/1/25 04:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.72	Not Detected	6.1	Not Detected
1,2-Dibromoethane (EDB)	0.72	Not Detected	5.5	Not Detected
Chlorobenzene	0.72	Not Detected	3.3	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.2	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Styrene	0.72	Not Detected	3.0	Not Detected
Bromoform	0.72	Not Detected	7.4	Not Detected
Cumene	0.72	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.72	Not Detected	4.9	Not Detected
Propylbenzene	0.72	Not Detected	3.5	Not Detected
4-Ethyltoluene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,4-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
alpha-Chlorotoluene	0.72	Not Detected	3.7	Not Detected
1,2-Dichlorobenzene	0.72	Not Detected	4.3	Not Detected
1,2,4-Trichlorobenzene	2.9	Not Detected	21	Not Detected
Hexachlorobutadiene	2.9	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.5	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120107	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/1/25 11:57 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.76	Not Detected	3.8	Not Detected
Freon 114	0.76	Not Detected	5.3	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
Vinyl Chloride	0.76	Not Detected	1.9	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	3.0	Not Detected	8.0	Not Detected
Freon 11	0.76	Not Detected	4.3	Not Detected
Ethanol	7.6	25	14	48
Freon 113	0.76	Not Detected	5.8	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Acetone	7.6	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.5	Not Detected
Carbon Disulfide	3.0	Not Detected	9.5	Not Detected
3-Chloropropene	3.0	Not Detected	9.5	Not Detected
Methylene Chloride	7.6	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	9.0	Not Detected
cis-1,2-Dichloroethene	0.76	Not Detected	3.0	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.76	Not Detected	3.7	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.8	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Benzene	0.76	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.76	Not Detected	3.1	Not Detected
Heptane	0.76	Not Detected	3.1	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.5	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.1	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.1	Not Detected
Toluene	1.5	Not Detected	5.7	Not Detected
trans-1,3-Dichloropropene	0.76	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.1	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected

Client Sample ID: 825-LFGP-5

Lab ID#: 2511400A-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120107	Date of Collection:	11/5/25 10:50:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/1/25 11:57 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.76	Not Detected	6.5	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.8	Not Detected
Chlorobenzene	0.76	Not Detected	3.5	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	1.5	Not Detected	6.6	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Styrene	0.76	Not Detected	3.2	Not Detected
Bromoform	0.76	Not Detected	7.8	Not Detected
Cumene	0.76	Not Detected	3.7	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.2	Not Detected
Propylbenzene	0.76	Not Detected	3.7	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	3.9	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	8.0	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120108	Date of Collection:	11/5/25 11:22:00 AM
Dil. Factor:	1.48	Date of Analysis:	12/1/25 12:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.74	Not Detected	3.6	Not Detected
Freon 114	0.74	Not Detected	5.2	Not Detected
Chloromethane	7.4	Not Detected	15	Not Detected
Vinyl Chloride	0.74	Not Detected	1.9	Not Detected
1,3-Butadiene	0.74	Not Detected	1.6	Not Detected
Bromomethane	7.4	Not Detected	29	Not Detected
Chloroethane	3.0	Not Detected	7.8	Not Detected
Freon 11	0.74	Not Detected	4.2	Not Detected
Ethanol	7.4	25	14	48
Freon 113	0.74	Not Detected	5.7	Not Detected
1,1-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Acetone	7.4	Not Detected	18	Not Detected
2-Propanol	3.0	Not Detected	7.3	Not Detected
Carbon Disulfide	3.0	Not Detected	9.2	Not Detected
3-Chloropropene	3.0	Not Detected	9.3	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Methyl tert-butyl ether	3.0	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Hexane	0.74	Not Detected	2.6	Not Detected
1,1-Dichloroethane	0.74	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.0	Not Detected	8.7	Not Detected
cis-1,2-Dichloroethene	0.74	Not Detected	2.9	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.74	Not Detected	3.6	Not Detected
1,1,1-Trichloroethane	0.74	Not Detected	4.0	Not Detected
Cyclohexane	0.74	Not Detected	2.5	Not Detected
Carbon Tetrachloride	0.74	Not Detected	4.6	Not Detected
2,2,4-Trimethylpentane	0.74	Not Detected	3.4	Not Detected
Benzene	0.74	Not Detected	2.4	Not Detected
1,2-Dichloroethane	0.74	Not Detected	3.0	Not Detected
Heptane	0.74	Not Detected	3.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2-Dichloropropane	0.74	Not Detected	3.4	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.74	Not Detected	5.0	Not Detected
cis-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
4-Methyl-2-pentanone	0.74	Not Detected	3.0	Not Detected
Toluene	1.5	Not Detected	5.6	Not Detected
trans-1,3-Dichloropropene	0.74	Not Detected	3.4	Not Detected
1,1,2-Trichloroethane	0.74	Not Detected	4.0	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
2-Hexanone	3.0	Not Detected	12	Not Detected

Client Sample ID: 825-LFGP-4

Lab ID#: 2511400A-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120108	Date of Collection:	11/5/25 11:22:00 AM
Dil. Factor:	1.48	Date of Analysis:	12/1/25 12:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.74	Not Detected	6.3	Not Detected
1,2-Dibromoethane (EDB)	0.74	Not Detected	5.7	Not Detected
Chlorobenzene	0.74	Not Detected	3.4	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	1.5	Not Detected	6.4	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Styrene	0.74	Not Detected	3.2	Not Detected
Bromoform	0.74	Not Detected	7.6	Not Detected
Cumene	0.74	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.74	Not Detected	5.1	Not Detected
Propylbenzene	0.74	Not Detected	3.6	Not Detected
4-Ethyltoluene	0.74	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,3-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
1,4-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
alpha-Chlorotoluene	0.74	Not Detected	3.8	Not Detected
1,2-Dichlorobenzene	0.74	Not Detected	4.4	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	22	Not Detected
Hexachlorobutadiene	3.0	Not Detected	32	Not Detected
Naphthalene	1.5	Not Detected	7.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120118	Date of Collection:	11/5/25 11:04:00 AM
Dil. Factor:	1.39	Date of Analysis:	12/1/25 04:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.70	Not Detected	3.4	Not Detected
Freon 114	0.70	Not Detected	4.8	Not Detected
Chloromethane	7.0	Not Detected	14	Not Detected
Vinyl Chloride	0.70	Not Detected	1.8	Not Detected
1,3-Butadiene	0.70	Not Detected	1.5	Not Detected
Bromomethane	7.0	Not Detected	27	Not Detected
Chloroethane	2.8	Not Detected	7.3	Not Detected
Freon 11	0.70	Not Detected	3.9	Not Detected
Ethanol	7.0	35	13	66
Freon 113	0.70	Not Detected	5.3	Not Detected
1,1-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Acetone	7.0	Not Detected	16	Not Detected
2-Propanol	2.8	3.8	6.8	9.5
Carbon Disulfide	2.8	Not Detected	8.6	Not Detected
3-Chloropropene	2.8	Not Detected	8.7	Not Detected
Methylene Chloride	7.0	Not Detected	24	Not Detected
Methyl tert-butyl ether	2.8	Not Detected	10	Not Detected
trans-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Hexane	0.70	Not Detected	2.4	Not Detected
1,1-Dichloroethane	0.70	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.8	Not Detected	8.2	Not Detected
cis-1,2-Dichloroethene	0.70	Not Detected	2.8	Not Detected
Tetrahydrofuran	0.70	Not Detected	2.0	Not Detected
Chloroform	0.70	Not Detected	3.4	Not Detected
1,1,1-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Cyclohexane	0.70	Not Detected	2.4	Not Detected
Carbon Tetrachloride	0.70	Not Detected	4.4	Not Detected
2,2,4-Trimethylpentane	0.70	Not Detected	3.2	Not Detected
Benzene	0.70	Not Detected	2.2	Not Detected
1,2-Dichloroethane	0.70	Not Detected	2.8	Not Detected
Heptane	0.70	Not Detected	2.8	Not Detected
Trichloroethene	0.70	Not Detected	3.7	Not Detected
1,2-Dichloropropane	0.70	Not Detected	3.2	Not Detected
1,4-Dioxane	2.8	Not Detected	10	Not Detected
Bromodichloromethane	0.70	Not Detected	4.6	Not Detected
cis-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
4-Methyl-2-pentanone	0.70	Not Detected	2.8	Not Detected
Toluene	1.4	Not Detected	5.2	Not Detected
trans-1,3-Dichloropropene	0.70	Not Detected	3.2	Not Detected
1,1,2-Trichloroethane	0.70	Not Detected	3.8	Not Detected
Tetrachloroethene	0.70	Not Detected	4.7	Not Detected
2-Hexanone	2.8	Not Detected	11	Not Detected

Client Sample ID: 825-LFGP-3

Lab ID#: 2511400A-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120118	Date of Collection:	11/5/25 11:04:00 AM
Dil. Factor:	1.39	Date of Analysis:	12/1/25 04:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.70	Not Detected	5.9	Not Detected
1,2-Dibromoethane (EDB)	0.70	Not Detected	5.3	Not Detected
Chlorobenzene	0.70	Not Detected	3.2	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	1.4	Not Detected	6.0	Not Detected
o-Xylene	0.70	Not Detected	3.0	Not Detected
Styrene	0.70	Not Detected	3.0	Not Detected
Bromoform	0.70	Not Detected	7.2	Not Detected
Cumene	0.70	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.70	Not Detected	4.8	Not Detected
Propylbenzene	0.70	Not Detected	3.4	Not Detected
4-Ethyltoluene	0.70	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,3-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,4-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
alpha-Chlorotoluene	0.70	Not Detected	3.6	Not Detected
1,2-Dichlorobenzene	0.70	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.8	Not Detected	21	Not Detected
Hexachlorobutadiene	2.8	Not Detected	30	Not Detected
Naphthalene	1.4	Not Detected	7.3	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130



Air Toxics

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120110	Date of Collection:	11/5/25 11:32:00 AM
Dil. Factor:	1.56	Date of Analysis:	12/1/25 01:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.78	Not Detected	3.8	Not Detected
Freon 114	0.78	Not Detected	5.4	Not Detected
Chloromethane	7.8	Not Detected	16	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	7.8	Not Detected	30	Not Detected
Chloroethane	3.1	Not Detected	8.2	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	7.8	44	15	82
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	7.8	Not Detected	18	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	3.1	Not Detected	9.7	Not Detected
3-Chloropropene	3.1	Not Detected	9.8	Not Detected
Methylene Chloride	7.8	Not Detected	27	Not Detected
Methyl tert-butyl ether	3.1	Not Detected	11	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.7	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.1	Not Detected	9.2	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.6	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	1.6	Not Detected	5.9	Not Detected
trans-1,3-Dichloropropene	0.78	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.2	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected
2-Hexanone	3.1	Not Detected	13	Not Detected

Client Sample ID: 825-LFGP-2

Lab ID#: 2511400A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120110	Date of Collection:	11/5/25 11:32:00 AM
Dil. Factor:	1.56	Date of Analysis:	12/1/25 01:19 PM

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

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120111	Date of Collection:	11/5/25 11:56:00 AM
Dil. Factor:	1.66	Date of Analysis:	12/1/25 01:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.83	Not Detected	4.1	Not Detected
Freon 114	0.83	Not Detected	5.8	Not Detected
Chloromethane	8.3	Not Detected	17	Not Detected
Vinyl Chloride	0.83	Not Detected	2.1	Not Detected
1,3-Butadiene	0.83	1.6	1.8	3.4
Bromomethane	8.3	Not Detected	32	Not Detected
Chloroethane	3.3	Not Detected	8.8	Not Detected
Freon 11	0.83	Not Detected	4.7	Not Detected
Ethanol	8.3	39	16	74
Freon 113	0.83	Not Detected	6.4	Not Detected
1,1-Dichloroethene	0.83	Not Detected	3.3	Not Detected
Acetone	8.3	9.0	20	22
2-Propanol	3.3	Not Detected	8.2	Not Detected
Carbon Disulfide	3.3	Not Detected	10	Not Detected
3-Chloropropene	3.3	Not Detected	10	Not Detected
Methylene Chloride	8.3	Not Detected	29	Not Detected
Methyl tert-butyl ether	3.3	Not Detected	12	Not Detected
trans-1,2-Dichloroethene	0.83	Not Detected	3.3	Not Detected
Hexane	0.83	0.88	2.9	3.1
1,1-Dichloroethane	0.83	Not Detected	3.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.3	Not Detected	9.8	Not Detected
cis-1,2-Dichloroethene	0.83	Not Detected	3.3	Not Detected
Tetrahydrofuran	0.83	Not Detected	2.4	Not Detected
Chloroform	0.83	Not Detected	4.0	Not Detected
1,1,1-Trichloroethane	0.83	Not Detected	4.5	Not Detected
Cyclohexane	0.83	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.83	Not Detected	5.2	Not Detected
2,2,4-Trimethylpentane	0.83	Not Detected	3.9	Not Detected
Benzene	0.83	0.94	2.6	3.0
1,2-Dichloroethane	0.83	Not Detected	3.4	Not Detected
Heptane	0.83	3.2	3.4	13
Trichloroethene	0.83	Not Detected	4.5	Not Detected
1,2-Dichloropropane	0.83	Not Detected	3.8	Not Detected
1,4-Dioxane	3.3	Not Detected	12	Not Detected
Bromodichloromethane	0.83	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.83	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.83	Not Detected	3.4	Not Detected
Toluene	1.7	Not Detected	6.2	Not Detected
trans-1,3-Dichloropropene	0.83	Not Detected	3.8	Not Detected
1,1,2-Trichloroethane	0.83	Not Detected	4.5	Not Detected
Tetrachloroethene	0.83	Not Detected	5.6	Not Detected
2-Hexanone	3.3	Not Detected	14	Not Detected

Client Sample ID: 825-LFGP-1

Lab ID#: 2511400A-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120111	Date of Collection: 11/5/25 11:56:00 AM
Dil. Factor:	1.66	Date of Analysis: 12/1/25 01:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.83	Not Detected	7.1	Not Detected
1,2-Dibromoethane (EDB)	0.83	Not Detected	6.4	Not Detected
Chlorobenzene	0.83	Not Detected	3.8	Not Detected
Ethyl Benzene	0.83	Not Detected	3.6	Not Detected
m,p-Xylene	1.7	Not Detected	7.2	Not Detected
o-Xylene	0.83	Not Detected	3.6	Not Detected
Styrene	0.83	Not Detected	3.5	Not Detected
Bromoform	0.83	Not Detected	8.6	Not Detected
Cumene	0.83	Not Detected	4.1	Not Detected
1,1,2,2-Tetrachloroethane	0.83	Not Detected	5.7	Not Detected
Propylbenzene	0.83	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.83	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.83	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.83	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.83	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.83	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.83	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.83	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.3	Not Detected	25	Not Detected
Hexachlorobutadiene	3.3	Not Detected	35	Not Detected
Naphthalene	1.7	Not Detected	8.7	Not Detected

Container Type: 6 Liter Summa Canister

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

Client Sample ID: Lab Blank

Lab ID#: 2511400A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120105	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 08:10 AM

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

Client Sample ID: Lab Blank

Lab ID#: 2511400A-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120105	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 08:10 AM

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

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: CCV

Lab ID#: 2511400A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120102	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 06:50 AM

Compound	%Recovery
Freon 12	100
Freon 114	97
Chloromethane	113
Vinyl Chloride	109
1,3-Butadiene	107
Bromomethane	112
Chloroethane	106
Freon 11	102
Ethanol	118
Freon 113	103
1,1-Dichloroethene	101
Acetone	96
2-Propanol	121
Carbon Disulfide	94
3-Chloropropene	100
Methylene Chloride	105
Methyl tert-butyl ether	117
trans-1,2-Dichloroethene	94
Hexane	114
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	104
Tetrahydrofuran	121
Chloroform	100
1,1,1-Trichloroethane	103
Cyclohexane	118
Carbon Tetrachloride	106
2,2,4-Trimethylpentane	125
Benzene	98
1,2-Dichloroethane	102
Heptane	112
Trichloroethene	94
1,2-Dichloropropane	103
1,4-Dioxane	109
Bromodichloromethane	96
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	117
Toluene	100
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	92
Tetrachloroethene	94
2-Hexanone	115

Client Sample ID: CCV

Lab ID#: 2511400A-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120102	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 06:50 AM

Compound	%Recovery
Dibromochloromethane	90
1,2-Dibromoethane (EDB)	95
Chlorobenzene	95
Ethyl Benzene	106
m,p-Xylene	105
o-Xylene	107
Styrene	104
Bromoform	92
Cumene	110
1,1,2,2-Tetrachloroethane	95
Propylbenzene	100
4-Ethyltoluene	101
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	93
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	95
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	94
Naphthalene	110

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: LCS

Lab ID#: 2511400A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 17120103

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/1/25 07:16 AM

Compound	%Recovery	Method Limits
Freon 12	103	70-130
Freon 114	96	70-130
Chloromethane	117	70-130
Vinyl Chloride	126	70-130
1,3-Butadiene	128	70-130
Bromomethane	114	70-130
Chloroethane	104	70-130
Freon 11	104	70-130
Ethanol	123	70-130
Freon 113	98	70-130
1,1-Dichloroethene	99	70-130
Acetone	87	70-130
2-Propanol	134 Q	70-130
Carbon Disulfide	85	70-130
3-Chloropropene	101	70-130
Methylene Chloride	96	70-130
Methyl tert-butyl ether	102	70-130
trans-1,2-Dichloroethene	86	70-130
Hexane	104	70-130
1,1-Dichloroethane	99	70-130
2-Butanone (Methyl Ethyl Ketone)	95	70-130
cis-1,2-Dichloroethene	106	70-130
Tetrahydrofuran	106	70-130
Chloroform	88	70-130
1,1,1-Trichloroethane	102	70-130
Cyclohexane	103	70-130
Carbon Tetrachloride	105	70-130
2,2,4-Trimethylpentane	108	70-130
Benzene	90	70-130
1,2-Dichloroethane	93	70-130
Heptane	100	70-130
Trichloroethene	86	70-130
1,2-Dichloropropane	92	70-130
1,4-Dioxane	100	70-130
Bromodichloromethane	102	70-130
cis-1,3-Dichloropropene	105	70-130
4-Methyl-2-pentanone	106	70-130
Toluene	90	70-130
trans-1,3-Dichloropropene	106	70-130
1,1,2-Trichloroethane	98	70-130
Tetrachloroethene	85	70-130
2-Hexanone	106	70-130

Client Sample ID: LCS

Lab ID#: 2511400A-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17120103	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/1/25 07:16 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	96	70-130
1,2-Dibromoethane (EDB)	99	70-130
Chlorobenzene	86	70-130
Ethyl Benzene	96	70-130
m,p-Xylene	96	70-130
o-Xylene	99	70-130
Styrene	108	70-130
Bromoform	100	70-130
Cumene	98	70-130
1,1,2,2-Tetrachloroethane	98	70-130
Propylbenzene	104	70-130
4-Ethyltoluene	110	70-130
1,3,5-Trimethylbenzene	103	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3-Dichlorobenzene	96	70-130
1,4-Dichlorobenzene	98	70-130
alpha-Chlorotoluene	105	70-130
1,2-Dichlorobenzene	101	70-130
1,2,4-Trichlorobenzene	96	70-130
Hexachlorobutadiene	95	70-130
Naphthalene	119	60-140

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: LCSD

Lab ID#: 2511400A-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 17120104

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 12/1/25 07:41 AM

Compound	%Recovery	Method Limits
Freon 12	103	70-130
Freon 114	97	70-130
Chloromethane	130	70-130
Vinyl Chloride	128	70-130
1,3-Butadiene	131 Q	70-130
Bromomethane	110	70-130
Chloroethane	108	70-130
Freon 11	104	70-130
Ethanol	130	70-130
Freon 113	96	70-130
1,1-Dichloroethene	103	70-130
Acetone	88	70-130
2-Propanol	139 Q	70-130
Carbon Disulfide	88	70-130
3-Chloropropene	101	70-130
Methylene Chloride	101	70-130
Methyl tert-butyl ether	103	70-130
trans-1,2-Dichloroethene	88	70-130
Hexane	110	70-130
1,1-Dichloroethane	104	70-130
2-Butanone (Methyl Ethyl Ketone)	95	70-130
cis-1,2-Dichloroethene	108	70-130
Tetrahydrofuran	110	70-130
Chloroform	90	70-130
1,1,1-Trichloroethane	103	70-130
Cyclohexane	103	70-130
Carbon Tetrachloride	104	70-130
2,2,4-Trimethylpentane	106	70-130
Benzene	88	70-130
1,2-Dichloroethane	90	70-130
Heptane	98	70-130
Trichloroethene	86	70-130
1,2-Dichloropropane	90	70-130
1,4-Dioxane	100	70-130
Bromodichloromethane	102	70-130
cis-1,3-Dichloropropene	102	70-130
4-Methyl-2-pentanone	106	70-130
Toluene	88	70-130
trans-1,3-Dichloropropene	104	70-130
1,1,2-Trichloroethane	97	70-130
Tetrachloroethene	86	70-130
2-Hexanone	106	70-130

Client Sample ID: LCSD

Lab ID#: 2511400A-09AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name: 17120104
Dil. Factor: 1.00

Date of Collection: NA
Date of Analysis: 12/1/25 07:41 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	95	70-130
1,2-Dibromoethane (EDB)	97	70-130
Chlorobenzene	85	70-130
Ethyl Benzene	95	70-130
m,p-Xylene	95	70-130
o-Xylene	97	70-130
Styrene	108	70-130
Bromoform	99	70-130
Cumene	97	70-130
1,1,2,2-Tetrachloroethane	98	70-130
Propylbenzene	103	70-130
4-Ethyltoluene	109	70-130
1,3,5-Trimethylbenzene	103	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3-Dichlorobenzene	97	70-130
1,4-Dichlorobenzene	101	70-130
alpha-Chlorotoluene	108	70-130
1,2-Dichlorobenzene	102	70-130
1,2,4-Trichlorobenzene	108	70-130
Hexachlorobutadiene	99	70-130
Naphthalene	127	60-140

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616
Generated 11/17/2025 9:07:03 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-38796-1

Eurofins Raleigh

Job Notes

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Authorization



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Definitions/Glossary

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

Job ID: 752-38796-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

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

Job ID: 752-38796-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: S&ME Inc
Project: Northgate Park

Job ID: 752-38796-1

Job ID: 752-38796-1

Eurofins Raleigh

Job Narrative 752-38796-1

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

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

Receipt

The samples were received on 11/3/2025 2:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C.

Receipt Exceptions

All of the samples were received past the method holding time for Nitrite analysis. Per client request the laboratory proceeded with this analysis out of hold.

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-729595 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: One of the four surrogates was recovered above the upper control limit for the following samples: 825-MW-4 (752-38796-3), 825-MW-8 (752-38796-6), and 825-MW-9 (752-38796-7). These samples did not contain any target analytes; therefore, re-analysis was not performed.

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-729745 recovered outside control limits for the following analyte: Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 400-729456 and analytical batch 400-729583 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol and 4-Nitroaniline. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

Metals

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

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

General Chemistry

Method SM4500_SO4_E: The following samples were diluted to bring the concentration of target analytes within the calibration range: 825-MW-3 (752-38796-2), 825-MW-4 (752-38796-3), 825-MW-7 (752-38796-5) and 825-MW-Dup (752-38796-8). Elevated reporting limits (RLs) are provided.

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Case Narrative

Client: S&ME Inc
Project: Northgate Park

Job ID: 752-38796-1

Job ID: 752-38796-1 (Continued)

Eurofins Raleigh

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

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Detection Summary

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-2

Lab Sample ID: 752-38796-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	444		10.0	0.410	ug/L	1		6020B	Total
									Recoverable
Manganese	459		5.00	1.29	ug/L	1		6020B	Total
									Recoverable
Silver	0.282	J B	1.00	0.167	ug/L	1		6020B	Total
									Recoverable
Nitrate Nitrite as N	0.0420	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0420	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	7.11	F2	5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-3

Lab Sample ID: 752-38796-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.340		0.291	0.291	ug/L	1		8270E SIM ID	Total/NA
Caprolactam	5.93	J	11.8	2.84	ug/L	1		8270E	Total/NA
Arsenic	2.99	J	5.00	1.32	ug/L	1		6020B	Total
									Recoverable
Barium	176		10.0	0.410	ug/L	1		6020B	Total
									Recoverable
Cobalt	14.8		5.00	0.411	ug/L	1		6020B	Total
									Recoverable
Manganese	1680		5.00	1.29	ug/L	1		6020B	Total
									Recoverable
Nickel	2.80	J	5.00	0.422	ug/L	1		6020B	Total
									Recoverable
Ammonia	0.183	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
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	87.0		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	15.9		11.6	2.79	ug/L	1		8270E	Total/NA
Barium	141		10.0	0.410	ug/L	1		6020B	Total
									Recoverable
Cobalt	4.15	J	5.00	0.411	ug/L	1		6020B	Total
									Recoverable
Manganese	1270		5.00	1.29	ug/L	1		6020B	Total
									Recoverable
Nickel	1.65	J	5.00	0.422	ug/L	1		6020B	Total
									Recoverable
Mercury	1.21		0.200	0.166	ug/L	1		7470A	Total/NA
Sulfate	151		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-6

Lab Sample ID: 752-38796-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	229		10.0	0.410	ug/L	1		6020B	Total
									Recoverable
Cobalt	16.6		5.00	0.411	ug/L	1		6020B	Total
									Recoverable
Manganese	2170		5.00	1.29	ug/L	1		6020B	Total
									Recoverable
Nickel	2.60	J	5.00	0.422	ug/L	1		6020B	Total
									Recoverable

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-6 (Continued)

Lab Sample ID: 752-38796-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.205	J B	1.00	0.167	ug/L	1		6020B	Total Recoverable
Vanadium	1.76	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Ammonia	0.977		0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0730	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0730	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	16.1		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.32	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	220		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	20.8		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	8590		25.0	6.45	ug/L	5		6020B	Total Recoverable
Nickel	2.35	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Silver	0.171	J B	1.00	0.167	ug/L	1		6020B	Total Recoverable
Ammonia	0.129	J	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0360	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0360	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	148		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-8

Lab Sample ID: 752-38796-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	267		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	439		5.00	1.29	ug/L	1		6020B	Total Recoverable
Sulfate	8.07		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-9

Lab Sample ID: 752-38796-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	3.53	J	11.8	2.84	ug/L	1		8270E	Total/NA
Barium	56.3		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.969	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	374		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	4.47	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Sulfate	39.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-Dup

Lab Sample ID: 752-38796-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.03	J	5.00	1.32	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-Dup (Continued)

Lab Sample ID: 752-38796-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	178		10.0	0.410	ug/L	1		6020B	Total
									Recoverable
Cobalt	16.8		5.00	0.411	ug/L	1		6020B	Total
									Recoverable
Manganese	1790		5.00	1.29	ug/L	1		6020B	Total
									Recoverable
Nickel	2.84	J	5.00	0.422	ug/L	1		6020B	Total
									Recoverable
Ammonia	0.171	J F1	0.250	0.100	mg/L	1		350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0370	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0370	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	88.9		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-38796-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-2

Lab Sample ID: 752-38796-1

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 20:17	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 20:17	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 20:17	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 20:17	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 20:17	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 20:17	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 20:17	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 20:17	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 20:17	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 20:17	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 20:17	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 20:17	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 20:17	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 20:17	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 20:17	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 20:17	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 20:17	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 20:17	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 20:17	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 20:17	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 20:17	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 20:17	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 20:17	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 20:17	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 20:17	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 20:17	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 20:17	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 20:17	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 20:17	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 20:17	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 20:17	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 20:17	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 20:17	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 20:17	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 22:42	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 20:17	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 20:17	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 20:17	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 20:17	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 20:17	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 20:17	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 20:17	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-2

Lab Sample ID: 752-38796-1

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 20:17	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 20:17	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 20:17	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 20:17	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 20:17	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 20:17	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 20:17	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 20:17	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 20:17	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 20:17	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 20:17	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 20:17	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 20:17	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 20:17	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 20:17	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 20:17	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 20:17	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 20:17	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 20:17	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 20:17	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 20:17	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		56 - 136		11/06/25 20:17	1
4-Bromofluorobenzene	99		56 - 136		11/07/25 22:42	1
Dibromofluoromethane	98		79 - 130		11/06/25 20:17	1
Dibromofluoromethane	109		79 - 130		11/07/25 22:42	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 20:17	1
1,2-Dichloroethane-d4 (Surr)	113		59 - 146		11/07/25 22:42	1
Toluene-d8 (Surr)	80		64 - 132		11/06/25 20:17	1
Toluene-d8 (Surr)	102		64 - 132		11/07/25 22:42	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		0.311	0.311	ug/L		11/05/25 15:11	11/06/25 18:06	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		10 - 140				11/05/25 15:11	11/06/25 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.8	0.495	ug/L		11/05/25 11:18	11/06/25 15:38	1
2,4,5-Trichlorophenol	ND		11.8	0.636	ug/L		11/05/25 11:18	11/06/25 15:38	1
2,4,6-Trichlorophenol	ND		11.8	1.28	ug/L		11/05/25 11:18	11/06/25 15:38	1
2,4-Dichlorophenol	ND		11.8	0.671	ug/L		11/05/25 11:18	11/06/25 15:38	1
2,4-Dimethylphenol	ND		11.8	0.283	ug/L		11/05/25 11:18	11/06/25 15:38	1
2,4-Dinitrophenol	ND		35.3	5.51	ug/L		11/05/25 11:18	11/06/25 15:38	1
2,4-Dinitrotoluene	ND	*+	11.8	0.765	ug/L		11/05/25 11:18	11/06/25 15:38	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-2

Lab Sample ID: 752-38796-1

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND	*+	11.8	0.341	ug/L		11/05/25 11:18	11/06/25 15:38	1
2-Chloronaphthalene	ND		11.8	0.447	ug/L		11/05/25 11:18	11/06/25 15:38	1
2-Chlorophenol	ND		11.8	0.989	ug/L		11/05/25 11:18	11/06/25 15:38	1
2-Methylnaphthalene	ND		11.8	0.954	ug/L		11/05/25 11:18	11/06/25 15:38	1
2-Methylphenol	ND		11.8	0.895	ug/L		11/05/25 11:18	11/06/25 15:38	1
2-Nitroaniline	ND	*+	11.8	1.61	ug/L		11/05/25 11:18	11/06/25 15:38	1
2-Nitrophenol	ND	*+	11.8	1.38	ug/L		11/05/25 11:18	11/06/25 15:38	1
3 & 4 Methylphenol	ND		23.5	5.42	ug/L		11/05/25 11:18	11/06/25 15:38	1
3,3'-Dichlorobenzidine	ND		13.0	0.483	ug/L		11/05/25 11:18	11/06/25 15:38	1
3-Nitroaniline	ND	*+	11.8	1.12	ug/L		11/05/25 11:18	11/06/25 15:38	1
4,6-Dinitro-2-methylphenol	ND	*+	11.8	2.32	ug/L		11/05/25 11:18	11/06/25 15:38	1
4-Bromophenyl phenyl ether	ND		11.8	0.153	ug/L		11/05/25 11:18	11/06/25 15:38	1
4-Chloro-3-methylphenol	ND		11.8	0.860	ug/L		11/05/25 11:18	11/06/25 15:38	1
4-Chloroaniline	ND		11.8	0.683	ug/L		11/05/25 11:18	11/06/25 15:38	1
4-Chlorophenyl phenyl ether	ND		11.8	0.283	ug/L		11/05/25 11:18	11/06/25 15:38	1
4-Nitroaniline	ND	*+	11.8	4.12	ug/L		11/05/25 11:18	11/06/25 15:38	1
4-Nitrophenol	ND		11.8	3.23	ug/L		11/05/25 11:18	11/06/25 15:38	1
Acenaphthene	ND		11.8	0.742	ug/L		11/05/25 11:18	11/06/25 15:38	1
Acenaphthylene	ND		11.8	0.895	ug/L		11/05/25 11:18	11/06/25 15:38	1
Acetophenone	ND		11.8	3.77	ug/L		11/05/25 11:18	11/06/25 15:38	1
Anthracene	ND		11.8	1.07	ug/L		11/05/25 11:18	11/06/25 15:38	1
Atrazine	ND		11.8	1.33	ug/L		11/05/25 11:18	11/06/25 15:38	1
Benzaldehyde	ND		11.8	0.789	ug/L		11/05/25 11:18	11/06/25 15:38	1
Benzo[a]anthracene	ND		11.8	1.18	ug/L		11/05/25 11:18	11/06/25 15:38	1
Benzo[a]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 15:38	1
Benzo[b]fluoranthene	ND		11.8	1.41	ug/L		11/05/25 11:18	11/06/25 15:38	1
Benzo[g,h,i]perylene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 15:38	1
Benzo[k]fluoranthene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 15:38	1
bis (2-chloroisopropyl) ether	ND		11.8	1.10	ug/L		11/05/25 11:18	11/06/25 15:38	1
Bis(2-chloroethoxy)methane	ND		11.8	0.400	ug/L		11/05/25 11:18	11/06/25 15:38	1
Bis(2-chloroethyl)ether	ND		11.8	0.860	ug/L		11/05/25 11:18	11/06/25 15:38	1
Bis(2-ethylhexyl) phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 15:38	1
Butyl benzyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 15:38	1
Caprolactam	ND		11.8	2.83	ug/L		11/05/25 11:18	11/06/25 15:38	1
Carbazole	ND		11.8	0.377	ug/L		11/05/25 11:18	11/06/25 15:38	1
Chrysene	ND		11.8	1.41	ug/L		11/05/25 11:18	11/06/25 15:38	1
Dibenz(a,h)anthracene	ND		11.8	1.53	ug/L		11/05/25 11:18	11/06/25 15:38	1
Dibenzofuran	ND		11.8	0.754	ug/L		11/05/25 11:18	11/06/25 15:38	1
Diethyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 15:38	1
Dimethyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 15:38	1
Di-n-butyl phthalate	ND		11.8	9.64	ug/L		11/05/25 11:18	11/06/25 15:38	1
Di-n-octyl phthalate	ND		11.8	4.71	ug/L		11/05/25 11:18	11/06/25 15:38	1
Fluoranthene	ND		11.8	0.742	ug/L		11/05/25 11:18	11/06/25 15:38	1
Fluorene	ND		11.8	0.789	ug/L		11/05/25 11:18	11/06/25 15:38	1
Hexachlorobenzene	ND		11.8	0.294	ug/L		11/05/25 11:18	11/06/25 15:38	1
Hexachlorobutadiene	ND		11.8	0.648	ug/L		11/05/25 11:18	11/06/25 15:38	1
Hexachlorocyclopentadiene	ND		23.5	0.377	ug/L		11/05/25 11:18	11/06/25 15:38	1
Hexachloroethane	ND		11.8	0.624	ug/L		11/05/25 11:18	11/06/25 15:38	1
Indeno[1,2,3-cd]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 15:38	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-2

Lab Sample ID: 752-38796-1

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		11.8	0.942	ug/L		11/05/25 11:18	11/06/25 15:38	1
Naphthalene	ND		11.8	0.883	ug/L		11/05/25 11:18	11/06/25 15:38	1
Nitrobenzene	ND		11.8	0.706	ug/L		11/05/25 11:18	11/06/25 15:38	1
N-Nitrosodi-n-propylamine	ND		11.8	0.389	ug/L		11/05/25 11:18	11/06/25 15:38	1
N-Nitrosodiphenylamine	ND		11.8	0.224	ug/L		11/05/25 11:18	11/06/25 15:38	1
Pentachlorophenol	ND		11.8	3.30	ug/L		11/05/25 11:18	11/06/25 15:38	1
Phenanthrene	ND		11.8	0.871	ug/L		11/05/25 11:18	11/06/25 15:38	1
Phenol	ND		11.8	0.801	ug/L		11/05/25 11:18	11/06/25 15:38	1
Pyrene	ND		11.8	0.742	ug/L		11/05/25 11:18	11/06/25 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	118		10 - 150	11/05/25 11:18	11/06/25 15:38	1
2-Fluorobiphenyl (Surr)	105		25 - 139	11/05/25 11:18	11/06/25 15:38	1
2-Fluorophenol (Surr)	95		10 - 150	11/05/25 11:18	11/06/25 15:38	1
Nitrobenzene-d5 (Surr)	139		22 - 150	11/05/25 11:18	11/06/25 15:38	1
Phenol-d5 (Surr)	93		10 - 150	11/05/25 11:18	11/06/25 15:38	1
Terphenyl-d14 (Surr)	60		28 - 150	11/05/25 11:18	11/06/25 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 02:52	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 02:52	1
Barium	444		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 02:52	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 02:52	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 02:52	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 02:52	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 02:52	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 02:52	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 02:52	1
Manganese	459		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 02:52	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 02:52	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 02:52	1
Silver	0.282	J B	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 02:52	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 02:52	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 02:52	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 02:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1 F2	0.200	0.166	ug/L		11/11/25 11:25	11/11/25 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:07	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0420	J	0.100	0.0100	mg/L			11/05/25 12:00	1
Nitrate as N (SM Nitrate by calc)	0.0420	J	0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	7.11	F2	5.00	1.40	mg/L			11/07/25 14:00	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-3

Lab Sample ID: 752-38796-2

Date Collected: 10/31/25 14:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/07/25 23:09	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 23:09	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 23:09	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 23:09	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 23:09	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 23:09	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 23:09	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 23:09	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 23:09	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 23:09	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 23:09	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 23:09	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 23:09	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 23:09	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 23:09	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 23:09	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 23:09	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 23:09	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 23:09	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 23:09	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 23:09	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 23:09	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 23:09	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 23:09	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 23:09	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 23:09	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 23:09	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 23:09	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 23:09	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 23:09	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 23:09	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 23:09	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 23:09	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 23:09	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 23:09	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 23:09	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 23:09	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 23:09	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 23:09	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 23:09	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 23:09	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 23:09	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-3

Lab Sample ID: 752-38796-2

Date Collected: 10/31/25 14:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/07/25 23:09	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 23:09	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 23:09	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 23:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 23:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 23:09	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 23:09	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 23:09	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 23:09	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 23:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 23:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 23:09	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 23:09	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 23:09	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 23:09	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 23:09	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 23:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 23:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 23:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 23:09	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 23:09	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 23:09	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		56 - 136		11/07/25 23:09	1
Dibromofluoromethane	110		79 - 130		11/07/25 23:09	1
1,2-Dichloroethane-d4 (Surr)	110		59 - 146		11/07/25 23:09	1
Toluene-d8 (Surr)	99		64 - 132		11/07/25 23:09	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	0.340		0.291	0.291	ug/L		11/05/25 15:11	11/06/25 18:28	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		10 - 140				11/05/25 15:11	11/06/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.8	0.496	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,4,5-Trichlorophenol	ND		11.8	0.638	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,4,6-Trichlorophenol	ND		11.8	1.29	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,4-Dichlorophenol	ND		11.8	0.673	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,4-Dimethylphenol	ND		11.8	0.284	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,4-Dinitrophenol	ND		35.4	5.53	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,4-Dinitrotoluene	ND	+	11.8	0.768	ug/L		11/05/25 11:18	11/06/25 16:11	1
2,6-Dinitrotoluene	ND	+	11.8	0.343	ug/L		11/05/25 11:18	11/06/25 16:11	1
2-Chloronaphthalene	ND		11.8	0.449	ug/L		11/05/25 11:18	11/06/25 16:11	1
2-Chlorophenol	ND		11.8	0.992	ug/L		11/05/25 11:18	11/06/25 16:11	1
2-Methylnaphthalene	ND		11.8	0.957	ug/L		11/05/25 11:18	11/06/25 16:11	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-3

Lab Sample ID: 752-38796-2

Date Collected: 10/31/25 14:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.8	0.898	ug/L		11/05/25 11:18	11/06/25 16:11	1
2-Nitroaniline	ND	+	11.8	1.62	ug/L		11/05/25 11:18	11/06/25 16:11	1
2-Nitrophenol	ND	+	11.8	1.38	ug/L		11/05/25 11:18	11/06/25 16:11	1
3 & 4 Methylphenol	ND		23.6	5.43	ug/L		11/05/25 11:18	11/06/25 16:11	1
3,3'-Dichlorobenzidine	ND		13.0	0.484	ug/L		11/05/25 11:18	11/06/25 16:11	1
3-Nitroaniline	ND	+	11.8	1.12	ug/L		11/05/25 11:18	11/06/25 16:11	1
4,6-Dinitro-2-methylphenol	ND	+	11.8	2.33	ug/L		11/05/25 11:18	11/06/25 16:11	1
4-Bromophenyl phenyl ether	ND		11.8	0.154	ug/L		11/05/25 11:18	11/06/25 16:11	1
4-Chloro-3-methylphenol	ND		11.8	0.863	ug/L		11/05/25 11:18	11/06/25 16:11	1
4-Chloroaniline	ND		11.8	0.685	ug/L		11/05/25 11:18	11/06/25 16:11	1
4-Chlorophenyl phenyl ether	ND		11.8	0.284	ug/L		11/05/25 11:18	11/06/25 16:11	1
4-Nitroaniline	ND	+	11.8	4.14	ug/L		11/05/25 11:18	11/06/25 16:11	1
4-Nitrophenol	ND		11.8	3.24	ug/L		11/05/25 11:18	11/06/25 16:11	1
Acenaphthene	ND		11.8	0.744	ug/L		11/05/25 11:18	11/06/25 16:11	1
Acenaphthylene	ND		11.8	0.898	ug/L		11/05/25 11:18	11/06/25 16:11	1
Acetophenone	ND		11.8	3.78	ug/L		11/05/25 11:18	11/06/25 16:11	1
Anthracene	ND		11.8	1.08	ug/L		11/05/25 11:18	11/06/25 16:11	1
Atrazine	ND		11.8	1.34	ug/L		11/05/25 11:18	11/06/25 16:11	1
Benzaldehyde	ND		11.8	0.792	ug/L		11/05/25 11:18	11/06/25 16:11	1
Benzo[a]anthracene	ND		11.8	1.18	ug/L		11/05/25 11:18	11/06/25 16:11	1
Benzo[a]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 16:11	1
Benzo[b]fluoranthene	ND		11.8	1.42	ug/L		11/05/25 11:18	11/06/25 16:11	1
Benzo[g,h,i]perylene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 16:11	1
Benzo[k]fluoranthene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 16:11	1
bis (2-chloroisopropyl) ether	ND		11.8	1.10	ug/L		11/05/25 11:18	11/06/25 16:11	1
Bis(2-chloroethoxy)methane	ND		11.8	0.402	ug/L		11/05/25 11:18	11/06/25 16:11	1
Bis(2-chloroethyl)ether	ND		11.8	0.863	ug/L		11/05/25 11:18	11/06/25 16:11	1
Bis(2-ethylhexyl) phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 16:11	1
Butyl benzyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 16:11	1
Caprolactam	5.93	J	11.8	2.84	ug/L		11/05/25 11:18	11/06/25 16:11	1
Carbazole	ND		11.8	0.378	ug/L		11/05/25 11:18	11/06/25 16:11	1
Chrysene	ND		11.8	1.42	ug/L		11/05/25 11:18	11/06/25 16:11	1
Dibenz(a,h)anthracene	ND		11.8	1.54	ug/L		11/05/25 11:18	11/06/25 16:11	1
Dibenzofuran	ND		11.8	0.756	ug/L		11/05/25 11:18	11/06/25 16:11	1
Diethyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 16:11	1
Dimethyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 16:11	1
Di-n-butyl phthalate	ND		11.8	9.68	ug/L		11/05/25 11:18	11/06/25 16:11	1
Di-n-octyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 16:11	1
Fluoranthene	ND		11.8	0.744	ug/L		11/05/25 11:18	11/06/25 16:11	1
Fluorene	ND		11.8	0.792	ug/L		11/05/25 11:18	11/06/25 16:11	1
Hexachlorobenzene	ND		11.8	0.295	ug/L		11/05/25 11:18	11/06/25 16:11	1
Hexachlorobutadiene	ND		11.8	0.650	ug/L		11/05/25 11:18	11/06/25 16:11	1
Hexachlorocyclopentadiene	ND		23.6	0.378	ug/L		11/05/25 11:18	11/06/25 16:11	1
Hexachloroethane	ND		11.8	0.626	ug/L		11/05/25 11:18	11/06/25 16:11	1
Indeno[1,2,3-cd]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 16:11	1
Isophorone	ND		11.8	0.945	ug/L		11/05/25 11:18	11/06/25 16:11	1
Naphthalene	ND		11.8	0.886	ug/L		11/05/25 11:18	11/06/25 16:11	1
Nitrobenzene	ND		11.8	0.709	ug/L		11/05/25 11:18	11/06/25 16:11	1
N-Nitrosodi-n-propylamine	ND		11.8	0.390	ug/L		11/05/25 11:18	11/06/25 16:11	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-3

Lab Sample ID: 752-38796-2

Date Collected: 10/31/25 14:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.8	0.224	ug/L		11/05/25 11:18	11/06/25 16:11	1
Pentachlorophenol	ND		11.8	3.31	ug/L		11/05/25 11:18	11/06/25 16:11	1
Phenanthrene	ND		11.8	0.874	ug/L		11/05/25 11:18	11/06/25 16:11	1
Phenol	ND		11.8	0.803	ug/L		11/05/25 11:18	11/06/25 16:11	1
Pyrene	ND		11.8	0.744	ug/L		11/05/25 11:18	11/06/25 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	115		10 - 150	11/05/25 11:18	11/06/25 16:11	1
2-Fluorobiphenyl (Surr)	100		25 - 139	11/05/25 11:18	11/06/25 16:11	1
2-Fluorophenol (Surr)	88		10 - 150	11/05/25 11:18	11/06/25 16:11	1
Nitrobenzene-d5 (Surr)	132		22 - 150	11/05/25 11:18	11/06/25 16:11	1
Phenol-d5 (Surr)	86		10 - 150	11/05/25 11:18	11/06/25 16:11	1
Terphenyl-d14 (Surr)	57		28 - 150	11/05/25 11:18	11/06/25 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:03	1
Arsenic	2.99	J	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:03	1
Barium	176		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:03	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:03	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:03	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:03	1
Cobalt	14.8		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:03	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:03	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:03	1
Manganese	1680		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:03	1
Nickel	2.80	J	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:03	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:03	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:03	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:03	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:03	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 18:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	0.183	J	0.250	0.100	mg/L			11/04/25 16:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0260	J	0.100	0.0100	mg/L			11/05/25 12:02	1
Nitrate as N (SM Nitrate by calc)	0.0260	J	0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	87.0		25.0	7.00	mg/L			11/07/25 14:47	5

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 21:07	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 21:07	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 21:07	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 21:07	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 21:07	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 21:07	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 21:07	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 21:07	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 21:07	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 21:07	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 21:07	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 21:07	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 21:07	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 21:07	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 21:07	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 21:07	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 21:07	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 21:07	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 21:07	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 21:07	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 21:07	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 21:07	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 21:07	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 21:07	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 21:07	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 21:07	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 21:07	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 21:07	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 21:07	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 21:07	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 21:07	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 21:07	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 21:07	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 21:07	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 21:07	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 21:07	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 21:07	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 21:07	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 21:07	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 21:07	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 21:07	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 21:07	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 21:07	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 21:07	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 21:07	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 21:07	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 21:07	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 21:07	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 21:07	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 21:07	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 21:07	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 21:07	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 21:07	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 21:07	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 21:07	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 21:07	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 21:07	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 21:07	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 21:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 21:07	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 21:07	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 21:07	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 21:07	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 21:07	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 21:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/06/25 21:07	1
Dibromofluoromethane	98		79 - 130		11/06/25 21:07	1
1,2-Dichloroethane-d4 (Surr)	108		59 - 146		11/06/25 21:07	1
Toluene-d8 (Surr)	155	S1+	64 - 132		11/06/25 21:07	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		0.277	0.277	ug/L		11/05/25 15:11	11/06/25 18:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	26		10 - 140				11/05/25 15:11	11/06/25 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.6	0.488	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,4,5-Trichlorophenol	ND		11.6	0.627	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,4,6-Trichlorophenol	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,4-Dichlorophenol	ND		11.6	0.662	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,4-Dimethylphenol	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,4-Dinitrophenol	ND		34.8	5.44	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,4-Dinitrotoluene	ND	*+	11.6	0.755	ug/L		11/05/25 11:18	11/06/25 16:45	1
2,6-Dinitrotoluene	ND	*+	11.6	0.337	ug/L		11/05/25 11:18	11/06/25 16:45	1
2-Chloronaphthalene	ND		11.6	0.441	ug/L		11/05/25 11:18	11/06/25 16:45	1
2-Chlorophenol	ND		11.6	0.976	ug/L		11/05/25 11:18	11/06/25 16:45	1
2-Methylnaphthalene	ND		11.6	0.941	ug/L		11/05/25 11:18	11/06/25 16:45	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 16:45	1
2-Nitroaniline	ND	+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 16:45	1
2-Nitrophenol	ND	+	11.6	1.36	ug/L		11/05/25 11:18	11/06/25 16:45	1
3 & 4 Methylphenol	ND		23.2	5.34	ug/L		11/05/25 11:18	11/06/25 16:45	1
3,3'-Dichlorobenzidine	ND		12.8	0.476	ug/L		11/05/25 11:18	11/06/25 16:45	1
3-Nitroaniline	ND	+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 16:45	1
4,6-Dinitro-2-methylphenol	ND	+	11.6	2.29	ug/L		11/05/25 11:18	11/06/25 16:45	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 16:45	1
4-Chloro-3-methylphenol	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 16:45	1
4-Chloroaniline	ND		11.6	0.674	ug/L		11/05/25 11:18	11/06/25 16:45	1
4-Chlorophenyl phenyl ether	ND		11.6	0.279	ug/L		11/05/25 11:18	11/06/25 16:45	1
4-Nitroaniline	ND	+	11.6	4.07	ug/L		11/05/25 11:18	11/06/25 16:45	1
4-Nitrophenol	ND		11.6	3.18	ug/L		11/05/25 11:18	11/06/25 16:45	1
Acenaphthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 16:45	1
Acenaphthylene	ND		11.6	0.883	ug/L		11/05/25 11:18	11/06/25 16:45	1
Acetophenone	ND		11.6	3.72	ug/L		11/05/25 11:18	11/06/25 16:45	1
Anthracene	ND		11.6	1.06	ug/L		11/05/25 11:18	11/06/25 16:45	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 16:45	1
Benzaldehyde	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 16:45	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 16:45	1
Benzo[a]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 16:45	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 16:45	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 16:45	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 16:45	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 16:45	1
Bis(2-chloroethoxy)methane	ND		11.6	0.395	ug/L		11/05/25 11:18	11/06/25 16:45	1
Bis(2-chloroethyl)ether	ND		11.6	0.848	ug/L		11/05/25 11:18	11/06/25 16:45	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 16:45	1
Butyl benzyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 16:45	1
Caprolactam	15.9		11.6	2.79	ug/L		11/05/25 11:18	11/06/25 16:45	1
Carbazole	ND		11.6	0.372	ug/L		11/05/25 11:18	11/06/25 16:45	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 16:45	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 16:45	1
Dibenzofuran	ND		11.6	0.743	ug/L		11/05/25 11:18	11/06/25 16:45	1
Diethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 16:45	1
Dimethyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 16:45	1
Di-n-butyl phthalate	ND		11.6	9.51	ug/L		11/05/25 11:18	11/06/25 16:45	1
Di-n-octyl phthalate	ND		11.6	4.65	ug/L		11/05/25 11:18	11/06/25 16:45	1
Fluoranthene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 16:45	1
Fluorene	ND		11.6	0.778	ug/L		11/05/25 11:18	11/06/25 16:45	1
Hexachlorobenzene	ND		11.6	0.290	ug/L		11/05/25 11:18	11/06/25 16:45	1
Hexachlorobutadiene	ND		11.6	0.639	ug/L		11/05/25 11:18	11/06/25 16:45	1
Hexachlorocyclopentadiene	ND		23.2	0.372	ug/L		11/05/25 11:18	11/06/25 16:45	1
Hexachloroethane	ND		11.6	0.616	ug/L		11/05/25 11:18	11/06/25 16:45	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.28	ug/L		11/05/25 11:18	11/06/25 16:45	1
Isophorone	ND		11.6	0.929	ug/L		11/05/25 11:18	11/06/25 16:45	1
Naphthalene	ND		11.6	0.871	ug/L		11/05/25 11:18	11/06/25 16:45	1
Nitrobenzene	ND		11.6	0.697	ug/L		11/05/25 11:18	11/06/25 16:45	1
N-Nitrosodi-n-propylamine	ND		11.6	0.383	ug/L		11/05/25 11:18	11/06/25 16:45	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.6	0.221	ug/L		11/05/25 11:18	11/06/25 16:45	1
Pentachlorophenol	ND		11.6	3.25	ug/L		11/05/25 11:18	11/06/25 16:45	1
Phenanthrene	ND		11.6	0.860	ug/L		11/05/25 11:18	11/06/25 16:45	1
Phenol	ND		11.6	0.790	ug/L		11/05/25 11:18	11/06/25 16:45	1
Pyrene	ND		11.6	0.732	ug/L		11/05/25 11:18	11/06/25 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	113		10 - 150	11/05/25 11:18	11/06/25 16:45	1
2-Fluorobiphenyl (Surr)	102		25 - 139	11/05/25 11:18	11/06/25 16:45	1
2-Fluorophenol (Surr)	54		10 - 150	11/05/25 11:18	11/06/25 16:45	1
Nitrobenzene-d5 (Surr)	135		22 - 150	11/05/25 11:18	11/06/25 16:45	1
Phenol-d5 (Surr)	67		10 - 150	11/05/25 11:18	11/06/25 16:45	1
Terphenyl-d14 (Surr)	57		28 - 150	11/05/25 11:18	11/06/25 16:45	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		11/05/25 09:04	11/11/25 03:06	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:06	1
Barium	141		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:06	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:06	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:06	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:06	1
Cobalt	4.15	J	5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:06	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:06	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:06	1
Manganese	1270		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:06	1
Nickel	1.65	J	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:06	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:06	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:06	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:06	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:06	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.21		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 18:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:18	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/05/25 12:04	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	151		25.0	7.00	mg/L			11/07/25 14:48	5

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-6

Lab Sample ID: 752-38796-4

Date Collected: 10/31/25 12:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 21:32	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 21:32	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 21:32	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 21:32	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 21:32	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 21:32	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 21:32	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 21:32	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 21:32	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 21:32	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 21:32	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 21:32	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 21:32	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 21:32	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 21:32	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 21:32	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 21:32	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 21:32	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 21:32	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 21:32	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 21:32	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 21:32	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 21:32	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 21:32	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 21:32	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 21:32	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 21:32	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 21:32	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 21:32	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 21:32	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 21:32	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 21:32	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 21:32	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 21:32	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 21:32	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 21:32	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 21:32	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 21:32	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 21:32	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 21:32	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 21:32	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 21:32	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-6

Lab Sample ID: 752-38796-4

Date Collected: 10/31/25 12:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 21:32	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 21:32	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 21:32	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 21:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 21:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 21:32	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 21:32	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 21:32	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 21:32	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 21:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 21:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 21:32	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 21:32	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 21:32	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 21:32	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 21:32	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 21:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 21:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 21:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 21:32	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 21:32	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 21:32	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		11/06/25 21:32	1
Dibromofluoromethane	95		79 - 130		11/06/25 21:32	1
1,2-Dichloroethane-d4 (Surr)	93		59 - 146		11/06/25 21:32	1
Toluene-d8 (Surr)	101		64 - 132		11/06/25 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.274	0.274	ug/L		11/05/25 15:11	11/06/25 19:11	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	24		10 - 140				11/05/25 15:11	11/06/25 19:11	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		11.7	0.493	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,4,5-Trichlorophenol	ND		11.7	0.634	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,4,6-Trichlorophenol	ND		11.7	1.28	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,4-Dichlorophenol	ND		11.7	0.669	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,4-Dimethylphenol	ND		11.7	0.282	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,4-Dinitrophenol	ND		35.2	5.49	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,4-Dinitrotoluene	ND	+	11.7	0.763	ug/L		11/05/25 11:18	11/06/25 17:18	1
2,6-Dinitrotoluene	ND	+	11.7	0.340	ug/L		11/05/25 11:18	11/06/25 17:18	1
2-Chloronaphthalene	ND		11.7	0.446	ug/L		11/05/25 11:18	11/06/25 17:18	1
2-Chlorophenol	ND		11.7	0.986	ug/L		11/05/25 11:18	11/06/25 17:18	1
2-Methylnaphthalene	ND		11.7	0.951	ug/L		11/05/25 11:18	11/06/25 17:18	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-6

Lab Sample ID: 752-38796-4

Date Collected: 10/31/25 12:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.7	0.892	ug/L		11/05/25 11:18	11/06/25 17:18	1
2-Nitroaniline	ND	+	11.7	1.61	ug/L		11/05/25 11:18	11/06/25 17:18	1
2-Nitrophenol	ND	+	11.7	1.37	ug/L		11/05/25 11:18	11/06/25 17:18	1
3 & 4 Methylphenol	ND		23.5	5.40	ug/L		11/05/25 11:18	11/06/25 17:18	1
3,3'-Dichlorobenzidine	ND		12.9	0.481	ug/L		11/05/25 11:18	11/06/25 17:18	1
3-Nitroaniline	ND	+	11.7	1.11	ug/L		11/05/25 11:18	11/06/25 17:18	1
4,6-Dinitro-2-methylphenol	ND	+	11.7	2.31	ug/L		11/05/25 11:18	11/06/25 17:18	1
4-Bromophenyl phenyl ether	ND		11.7	0.153	ug/L		11/05/25 11:18	11/06/25 17:18	1
4-Chloro-3-methylphenol	ND		11.7	0.857	ug/L		11/05/25 11:18	11/06/25 17:18	1
4-Chloroaniline	ND		11.7	0.681	ug/L		11/05/25 11:18	11/06/25 17:18	1
4-Chlorophenyl phenyl ether	ND		11.7	0.282	ug/L		11/05/25 11:18	11/06/25 17:18	1
4-Nitroaniline	ND	+	11.7	4.11	ug/L		11/05/25 11:18	11/06/25 17:18	1
4-Nitrophenol	ND		11.7	3.22	ug/L		11/05/25 11:18	11/06/25 17:18	1
Acenaphthene	ND		11.7	0.739	ug/L		11/05/25 11:18	11/06/25 17:18	1
Acenaphthylene	ND		11.7	0.892	ug/L		11/05/25 11:18	11/06/25 17:18	1
Acetophenone	ND		11.7	3.76	ug/L		11/05/25 11:18	11/06/25 17:18	1
Anthracene	ND		11.7	1.07	ug/L		11/05/25 11:18	11/06/25 17:18	1
Atrazine	ND		11.7	1.33	ug/L		11/05/25 11:18	11/06/25 17:18	1
Benzaldehyde	ND		11.7	0.786	ug/L		11/05/25 11:18	11/06/25 17:18	1
Benzo[a]anthracene	ND		11.7	1.17	ug/L		11/05/25 11:18	11/06/25 17:18	1
Benzo[a]pyrene	ND		11.7	1.29	ug/L		11/05/25 11:18	11/06/25 17:18	1
Benzo[b]fluoranthene	ND		11.7	1.41	ug/L		11/05/25 11:18	11/06/25 17:18	1
Benzo[g,h,i]perylene	ND		11.7	1.76	ug/L		11/05/25 11:18	11/06/25 17:18	1
Benzo[k]fluoranthene	ND		11.7	1.76	ug/L		11/05/25 11:18	11/06/25 17:18	1
bis (2-chloroisopropyl) ether	ND		11.7	1.09	ug/L		11/05/25 11:18	11/06/25 17:18	1
Bis(2-chloroethoxy)methane	ND		11.7	0.399	ug/L		11/05/25 11:18	11/06/25 17:18	1
Bis(2-chloroethyl)ether	ND		11.7	0.857	ug/L		11/05/25 11:18	11/06/25 17:18	1
Bis(2-ethylhexyl) phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 17:18	1
Butyl benzyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 17:18	1
Caprolactam	ND		11.7	2.82	ug/L		11/05/25 11:18	11/06/25 17:18	1
Carbazole	ND		11.7	0.376	ug/L		11/05/25 11:18	11/06/25 17:18	1
Chrysene	ND		11.7	1.41	ug/L		11/05/25 11:18	11/06/25 17:18	1
Dibenz(a,h)anthracene	ND		11.7	1.53	ug/L		11/05/25 11:18	11/06/25 17:18	1
Dibenzofuran	ND		11.7	0.751	ug/L		11/05/25 11:18	11/06/25 17:18	1
Diethyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 17:18	1
Dimethyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 17:18	1
Di-n-butyl phthalate	ND		11.7	9.61	ug/L		11/05/25 11:18	11/06/25 17:18	1
Di-n-octyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 17:18	1
Fluoranthene	ND		11.7	0.739	ug/L		11/05/25 11:18	11/06/25 17:18	1
Fluorene	ND		11.7	0.786	ug/L		11/05/25 11:18	11/06/25 17:18	1
Hexachlorobenzene	ND		11.7	0.293	ug/L		11/05/25 11:18	11/06/25 17:18	1
Hexachlorobutadiene	ND		11.7	0.645	ug/L		11/05/25 11:18	11/06/25 17:18	1
Hexachlorocyclopentadiene	ND		23.5	0.376	ug/L		11/05/25 11:18	11/06/25 17:18	1
Hexachloroethane	ND		11.7	0.622	ug/L		11/05/25 11:18	11/06/25 17:18	1
Indeno[1,2,3-cd]pyrene	ND		11.7	1.29	ug/L		11/05/25 11:18	11/06/25 17:18	1
Isophorone	ND		11.7	0.939	ug/L		11/05/25 11:18	11/06/25 17:18	1
Naphthalene	ND		11.7	0.880	ug/L		11/05/25 11:18	11/06/25 17:18	1
Nitrobenzene	ND		11.7	0.704	ug/L		11/05/25 11:18	11/06/25 17:18	1
N-Nitrosodi-n-propylamine	ND		11.7	0.387	ug/L		11/05/25 11:18	11/06/25 17:18	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-6

Lab Sample ID: 752-38796-4

Date Collected: 10/31/25 12:10

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.7	0.223	ug/L		11/05/25 11:18	11/06/25 17:18	1
Pentachlorophenol	ND		11.7	3.29	ug/L		11/05/25 11:18	11/06/25 17:18	1
Phenanthrene	ND		11.7	0.868	ug/L		11/05/25 11:18	11/06/25 17:18	1
Phenol	ND		11.7	0.798	ug/L		11/05/25 11:18	11/06/25 17:18	1
Pyrene	ND		11.7	0.739	ug/L		11/05/25 11:18	11/06/25 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	115		10 - 150	11/05/25 11:18	11/06/25 17:18	1
2-Fluorobiphenyl (Surr)	98		25 - 139	11/05/25 11:18	11/06/25 17:18	1
2-Fluorophenol (Surr)	90		10 - 150	11/05/25 11:18	11/06/25 17:18	1
Nitrobenzene-d5 (Surr)	129		22 - 150	11/05/25 11:18	11/06/25 17:18	1
Phenol-d5 (Surr)	88		10 - 150	11/05/25 11:18	11/06/25 17:18	1
Terphenyl-d14 (Surr)	55		28 - 150	11/05/25 11:18	11/06/25 17:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:09	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:09	1
Barium	229		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:09	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:09	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:09	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:09	1
Cobalt	16.6		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:09	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:09	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:09	1
Manganese	2170		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:09	1
Nickel	2.60	J	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:09	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:09	1
Silver	0.205	J B	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:09	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:09	1
Vanadium	1.76	J	5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:09	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	0.977		0.250	0.100	mg/L			11/04/25 16:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0730	J	0.100	0.0100	mg/L			11/05/25 12:06	1
Nitrate as N (SM Nitrate by calc)	0.0730	J	0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	16.1		5.00	1.40	mg/L			11/07/25 12:49	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Date Collected: 10/31/25 12:35

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/07/25 23:36	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 23:36	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 23:36	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 23:36	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 23:36	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 23:36	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 23:36	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 23:36	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 23:36	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 23:36	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 23:36	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 23:36	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 23:36	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 23:36	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 23:36	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 23:36	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 23:36	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 23:36	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 23:36	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 23:36	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 23:36	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 23:36	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 23:36	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 23:36	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 23:36	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 23:36	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 23:36	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 23:36	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 23:36	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 23:36	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 23:36	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 23:36	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 23:36	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 23:36	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 23:36	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 23:36	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 23:36	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 23:36	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 23:36	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 23:36	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 23:36	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 23:36	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Date Collected: 10/31/25 12:35

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/07/25 23:36	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 23:36	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 23:36	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 23:36	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 23:36	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 23:36	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 23:36	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 23:36	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 23:36	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 23:36	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 23:36	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 23:36	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 23:36	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 23:36	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 23:36	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 23:36	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 23:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 23:36	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 23:36	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 23:36	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 23:36	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 23:36	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		56 - 136		11/07/25 23:36	1
Dibromofluoromethane	107		79 - 130		11/07/25 23:36	1
1,2-Dichloroethane-d4 (Surr)	111		59 - 146		11/07/25 23:36	1
Toluene-d8 (Surr)	101		64 - 132		11/07/25 23:36	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		0.289	0.289	ug/L		11/05/25 15:11	11/06/25 22:24	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		10 - 140				11/05/25 15:11	11/06/25 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.5	0.483	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,4,5-Trichlorophenol	ND		11.5	0.621	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,4,6-Trichlorophenol	ND		11.5	1.25	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,4-Dichlorophenol	ND		11.5	0.656	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,4-Dimethylphenol	ND		11.5	0.276	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,4-Dinitrophenol	ND		34.5	5.38	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,4-Dinitrotoluene	ND	+	11.5	0.748	ug/L		11/05/25 11:18	11/06/25 17:51	1
2,6-Dinitrotoluene	ND	+	11.5	0.334	ug/L		11/05/25 11:18	11/06/25 17:51	1
2-Chloronaphthalene	ND		11.5	0.437	ug/L		11/05/25 11:18	11/06/25 17:51	1
2-Chlorophenol	ND		11.5	0.966	ug/L		11/05/25 11:18	11/06/25 17:51	1
2-Methylnaphthalene	ND		11.5	0.932	ug/L		11/05/25 11:18	11/06/25 17:51	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Date Collected: 10/31/25 12:35

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.5	0.874	ug/L		11/05/25 11:18	11/06/25 17:51	1
2-Nitroaniline	ND	+	11.5	1.58	ug/L		11/05/25 11:18	11/06/25 17:51	1
2-Nitrophenol	ND	+	11.5	1.35	ug/L		11/05/25 11:18	11/06/25 17:51	1
3 & 4 Methylphenol	ND		23.0	5.29	ug/L		11/05/25 11:18	11/06/25 17:51	1
3,3'-Dichlorobenzidine	ND		12.7	0.472	ug/L		11/05/25 11:18	11/06/25 17:51	1
3-Nitroaniline	ND	+	11.5	1.09	ug/L		11/05/25 11:18	11/06/25 17:51	1
4,6-Dinitro-2-methylphenol	ND	+	11.5	2.27	ug/L		11/05/25 11:18	11/06/25 17:51	1
4-Bromophenyl phenyl ether	ND		11.5	0.150	ug/L		11/05/25 11:18	11/06/25 17:51	1
4-Chloro-3-methylphenol	ND		11.5	0.840	ug/L		11/05/25 11:18	11/06/25 17:51	1
4-Chloroaniline	ND		11.5	0.667	ug/L		11/05/25 11:18	11/06/25 17:51	1
4-Chlorophenyl phenyl ether	ND		11.5	0.276	ug/L		11/05/25 11:18	11/06/25 17:51	1
4-Nitroaniline	ND	+	11.5	4.03	ug/L		11/05/25 11:18	11/06/25 17:51	1
4-Nitrophenol	ND		11.5	3.15	ug/L		11/05/25 11:18	11/06/25 17:51	1
Acenaphthene	ND		11.5	0.725	ug/L		11/05/25 11:18	11/06/25 17:51	1
Acenaphthylene	ND		11.5	0.874	ug/L		11/05/25 11:18	11/06/25 17:51	1
Acetophenone	ND		11.5	3.68	ug/L		11/05/25 11:18	11/06/25 17:51	1
Anthracene	ND		11.5	1.05	ug/L		11/05/25 11:18	11/06/25 17:51	1
Atrazine	ND		11.5	1.30	ug/L		11/05/25 11:18	11/06/25 17:51	1
Benzaldehyde	ND		11.5	0.771	ug/L		11/05/25 11:18	11/06/25 17:51	1
Benzo[a]anthracene	ND		11.5	1.15	ug/L		11/05/25 11:18	11/06/25 17:51	1
Benzo[a]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/06/25 17:51	1
Benzo[b]fluoranthene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/06/25 17:51	1
Benzo[g,h,i]perylene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/06/25 17:51	1
Benzo[k]fluoranthene	ND		11.5	1.73	ug/L		11/05/25 11:18	11/06/25 17:51	1
bis (2-chloroisopropyl) ether	ND		11.5	1.07	ug/L		11/05/25 11:18	11/06/25 17:51	1
Bis(2-chloroethoxy)methane	ND		11.5	0.391	ug/L		11/05/25 11:18	11/06/25 17:51	1
Bis(2-chloroethyl)ether	ND		11.5	0.840	ug/L		11/05/25 11:18	11/06/25 17:51	1
Bis(2-ethylhexyl) phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/06/25 17:51	1
Butyl benzyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/06/25 17:51	1
Caprolactam	ND		11.5	2.76	ug/L		11/05/25 11:18	11/06/25 17:51	1
Carbazole	ND		11.5	0.368	ug/L		11/05/25 11:18	11/06/25 17:51	1
Chrysene	ND		11.5	1.38	ug/L		11/05/25 11:18	11/06/25 17:51	1
Dibenz(a,h)anthracene	ND		11.5	1.50	ug/L		11/05/25 11:18	11/06/25 17:51	1
Dibenzofuran	ND		11.5	0.736	ug/L		11/05/25 11:18	11/06/25 17:51	1
Diethyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/06/25 17:51	1
Dimethyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/06/25 17:51	1
Di-n-butyl phthalate	ND		11.5	9.42	ug/L		11/05/25 11:18	11/06/25 17:51	1
Di-n-octyl phthalate	ND		11.5	4.60	ug/L		11/05/25 11:18	11/06/25 17:51	1
Fluoranthene	ND		11.5	0.725	ug/L		11/05/25 11:18	11/06/25 17:51	1
Fluorene	ND		11.5	0.771	ug/L		11/05/25 11:18	11/06/25 17:51	1
Hexachlorobenzene	ND		11.5	0.288	ug/L		11/05/25 11:18	11/06/25 17:51	1
Hexachlorobutadiene	ND		11.5	0.633	ug/L		11/05/25 11:18	11/06/25 17:51	1
Hexachlorocyclopentadiene	ND		23.0	0.368	ug/L		11/05/25 11:18	11/06/25 17:51	1
Hexachloroethane	ND		11.5	0.610	ug/L		11/05/25 11:18	11/06/25 17:51	1
Indeno[1,2,3-cd]pyrene	ND		11.5	1.27	ug/L		11/05/25 11:18	11/06/25 17:51	1
Isophorone	ND		11.5	0.920	ug/L		11/05/25 11:18	11/06/25 17:51	1
Naphthalene	ND		11.5	0.863	ug/L		11/05/25 11:18	11/06/25 17:51	1
Nitrobenzene	ND		11.5	0.690	ug/L		11/05/25 11:18	11/06/25 17:51	1
N-Nitrosodi-n-propylamine	ND		11.5	0.380	ug/L		11/05/25 11:18	11/06/25 17:51	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Date Collected: 10/31/25 12:35

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.5	0.219	ug/L		11/05/25 11:18	11/06/25 17:51	1
Pentachlorophenol	ND		11.5	3.22	ug/L		11/05/25 11:18	11/06/25 17:51	1
Phenanthrene	ND		11.5	0.851	ug/L		11/05/25 11:18	11/06/25 17:51	1
Phenol	ND		11.5	0.782	ug/L		11/05/25 11:18	11/06/25 17:51	1
Pyrene	ND		11.5	0.725	ug/L		11/05/25 11:18	11/06/25 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	115		10 - 150	11/05/25 11:18	11/06/25 17:51	1
2-Fluorobiphenyl (Surr)	111		25 - 139	11/05/25 11:18	11/06/25 17:51	1
2-Fluorophenol (Surr)	90		10 - 150	11/05/25 11:18	11/06/25 17:51	1
Nitrobenzene-d5 (Surr)	143		22 - 150	11/05/25 11:18	11/06/25 17:51	1
Phenol-d5 (Surr)	88		10 - 150	11/05/25 11:18	11/06/25 17:51	1
Terphenyl-d14 (Surr)	57		28 - 150	11/05/25 11:18	11/06/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:32	1
Arsenic	2.32	J	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:32	1
Barium	220		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:32	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:32	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:32	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:32	1
Cobalt	20.8		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:32	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:32	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:32	1
Manganese	8590		25.0	6.45	ug/L		11/05/25 09:04	11/15/25 17:02	5
Nickel	2.35	J	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:32	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:32	1
Silver	0.171	J B	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:32	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:32	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:32	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	0.129	J	0.250	0.100	mg/L			11/04/25 16:23	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0360	J	0.100	0.0100	mg/L			11/05/25 12:08	1
Nitrate as N (SM Nitrate by calc)	0.0360	J	0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	148		25.0	7.00	mg/L			11/07/25 14:48	5

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-8

Lab Sample ID: 752-38796-6

Date Collected: 10/31/25 11:05

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 22:22	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 22:22	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 22:22	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 22:22	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 22:22	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 22:22	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 22:22	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 22:22	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 22:22	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 22:22	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 22:22	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 22:22	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 22:22	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 22:22	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 22:22	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 22:22	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 22:22	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 22:22	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 22:22	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 22:22	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 22:22	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 22:22	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 22:22	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 22:22	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 22:22	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 22:22	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 22:22	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 22:22	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 22:22	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 22:22	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 22:22	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 22:22	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 22:22	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 22:22	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 22:22	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 22:22	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 22:22	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 22:22	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 22:22	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 22:22	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 22:22	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 22:22	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-8

Lab Sample ID: 752-38796-6

Date Collected: 10/31/25 11:05

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 22:22	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 22:22	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 22:22	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 22:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 22:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 22:22	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 22:22	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 22:22	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 22:22	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 22:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 22:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 22:22	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 22:22	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 22:22	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 22:22	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 22:22	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 22:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 22:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 22:22	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 22:22	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 22:22	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	142	S1+	56 - 136		11/06/25 22:22	1
Dibromofluoromethane	98		79 - 130		11/06/25 22:22	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 22:22	1
Toluene-d8 (Surr)	100		64 - 132		11/06/25 22:22	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		0.308	0.308	ug/L		11/05/25 15:11	11/06/25 22:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	31		10 - 140				11/05/25 15:11	11/06/25 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		11.7	0.493	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,4,5-Trichlorophenol	ND		11.7	0.634	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,4,6-Trichlorophenol	ND		11.7	1.28	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,4-Dichlorophenol	ND		11.7	0.669	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,4-Dimethylphenol	ND		11.7	0.282	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,4-Dinitrophenol	ND		35.2	5.49	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,4-Dinitrotoluene	ND	*+	11.7	0.763	ug/L		11/05/25 11:18	11/06/25 18:24	1
2,6-Dinitrotoluene	ND	*+	11.7	0.340	ug/L		11/05/25 11:18	11/06/25 18:24	1
2-Chloronaphthalene	ND		11.7	0.446	ug/L		11/05/25 11:18	11/06/25 18:24	1
2-Chlorophenol	ND		11.7	0.986	ug/L		11/05/25 11:18	11/06/25 18:24	1
2-Methylnaphthalene	ND		11.7	0.951	ug/L		11/05/25 11:18	11/06/25 18:24	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-8

Lab Sample ID: 752-38796-6

Date Collected: 10/31/25 11:05

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.7	0.892	ug/L		11/05/25 11:18	11/06/25 18:24	1
2-Nitroaniline	ND	+	11.7	1.61	ug/L		11/05/25 11:18	11/06/25 18:24	1
2-Nitrophenol	ND	+	11.7	1.37	ug/L		11/05/25 11:18	11/06/25 18:24	1
3 & 4 Methylphenol	ND		23.5	5.40	ug/L		11/05/25 11:18	11/06/25 18:24	1
3,3'-Dichlorobenzidine	ND		12.9	0.481	ug/L		11/05/25 11:18	11/06/25 18:24	1
3-Nitroaniline	ND	+	11.7	1.11	ug/L		11/05/25 11:18	11/06/25 18:24	1
4,6-Dinitro-2-methylphenol	ND	+	11.7	2.31	ug/L		11/05/25 11:18	11/06/25 18:24	1
4-Bromophenyl phenyl ether	ND		11.7	0.153	ug/L		11/05/25 11:18	11/06/25 18:24	1
4-Chloro-3-methylphenol	ND		11.7	0.857	ug/L		11/05/25 11:18	11/06/25 18:24	1
4-Chloroaniline	ND		11.7	0.681	ug/L		11/05/25 11:18	11/06/25 18:24	1
4-Chlorophenyl phenyl ether	ND		11.7	0.282	ug/L		11/05/25 11:18	11/06/25 18:24	1
4-Nitroaniline	ND	+	11.7	4.11	ug/L		11/05/25 11:18	11/06/25 18:24	1
4-Nitrophenol	ND		11.7	3.22	ug/L		11/05/25 11:18	11/06/25 18:24	1
Acenaphthene	ND		11.7	0.739	ug/L		11/05/25 11:18	11/06/25 18:24	1
Acenaphthylene	ND		11.7	0.892	ug/L		11/05/25 11:18	11/06/25 18:24	1
Acetophenone	ND		11.7	3.76	ug/L		11/05/25 11:18	11/06/25 18:24	1
Anthracene	ND		11.7	1.07	ug/L		11/05/25 11:18	11/06/25 18:24	1
Atrazine	ND		11.7	1.33	ug/L		11/05/25 11:18	11/06/25 18:24	1
Benzaldehyde	ND		11.7	0.786	ug/L		11/05/25 11:18	11/06/25 18:24	1
Benzo[a]anthracene	ND		11.7	1.17	ug/L		11/05/25 11:18	11/06/25 18:24	1
Benzo[a]pyrene	ND		11.7	1.29	ug/L		11/05/25 11:18	11/06/25 18:24	1
Benzo[b]fluoranthene	ND		11.7	1.41	ug/L		11/05/25 11:18	11/06/25 18:24	1
Benzo[g,h,i]perylene	ND		11.7	1.76	ug/L		11/05/25 11:18	11/06/25 18:24	1
Benzo[k]fluoranthene	ND		11.7	1.76	ug/L		11/05/25 11:18	11/06/25 18:24	1
bis (2-chloroisopropyl) ether	ND		11.7	1.09	ug/L		11/05/25 11:18	11/06/25 18:24	1
Bis(2-chloroethoxy)methane	ND		11.7	0.399	ug/L		11/05/25 11:18	11/06/25 18:24	1
Bis(2-chloroethyl)ether	ND		11.7	0.857	ug/L		11/05/25 11:18	11/06/25 18:24	1
Bis(2-ethylhexyl) phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 18:24	1
Butyl benzyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 18:24	1
Caprolactam	ND		11.7	2.82	ug/L		11/05/25 11:18	11/06/25 18:24	1
Carbazole	ND		11.7	0.376	ug/L		11/05/25 11:18	11/06/25 18:24	1
Chrysene	ND		11.7	1.41	ug/L		11/05/25 11:18	11/06/25 18:24	1
Dibenz(a,h)anthracene	ND		11.7	1.53	ug/L		11/05/25 11:18	11/06/25 18:24	1
Dibenzofuran	ND		11.7	0.751	ug/L		11/05/25 11:18	11/06/25 18:24	1
Diethyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 18:24	1
Dimethyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 18:24	1
Di-n-butyl phthalate	ND		11.7	9.61	ug/L		11/05/25 11:18	11/06/25 18:24	1
Di-n-octyl phthalate	ND		11.7	4.69	ug/L		11/05/25 11:18	11/06/25 18:24	1
Fluoranthene	ND		11.7	0.739	ug/L		11/05/25 11:18	11/06/25 18:24	1
Fluorene	ND		11.7	0.786	ug/L		11/05/25 11:18	11/06/25 18:24	1
Hexachlorobenzene	ND		11.7	0.293	ug/L		11/05/25 11:18	11/06/25 18:24	1
Hexachlorobutadiene	ND		11.7	0.645	ug/L		11/05/25 11:18	11/06/25 18:24	1
Hexachlorocyclopentadiene	ND		23.5	0.376	ug/L		11/05/25 11:18	11/06/25 18:24	1
Hexachloroethane	ND		11.7	0.622	ug/L		11/05/25 11:18	11/06/25 18:24	1
Indeno[1,2,3-cd]pyrene	ND		11.7	1.29	ug/L		11/05/25 11:18	11/06/25 18:24	1
Isophorone	ND		11.7	0.939	ug/L		11/05/25 11:18	11/06/25 18:24	1
Naphthalene	ND		11.7	0.880	ug/L		11/05/25 11:18	11/06/25 18:24	1
Nitrobenzene	ND		11.7	0.704	ug/L		11/05/25 11:18	11/06/25 18:24	1
N-Nitrosodi-n-propylamine	ND		11.7	0.387	ug/L		11/05/25 11:18	11/06/25 18:24	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-8

Lab Sample ID: 752-38796-6

Date Collected: 10/31/25 11:05

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.7	0.223	ug/L		11/05/25 11:18	11/06/25 18:24	1
Pentachlorophenol	ND		11.7	3.29	ug/L		11/05/25 11:18	11/06/25 18:24	1
Phenanthrene	ND		11.7	0.868	ug/L		11/05/25 11:18	11/06/25 18:24	1
Phenol	ND		11.7	0.798	ug/L		11/05/25 11:18	11/06/25 18:24	1
Pyrene	ND		11.7	0.739	ug/L		11/05/25 11:18	11/06/25 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	110		10 - 150	11/05/25 11:18	11/06/25 18:24	1
2-Fluorobiphenyl (Surr)	98		25 - 139	11/05/25 11:18	11/06/25 18:24	1
2-Fluorophenol (Surr)	87		10 - 150	11/05/25 11:18	11/06/25 18:24	1
Nitrobenzene-d5 (Surr)	128		22 - 150	11/05/25 11:18	11/06/25 18:24	1
Phenol-d5 (Surr)	87		10 - 150	11/05/25 11:18	11/06/25 18:24	1
Terphenyl-d14 (Surr)	61		28 - 150	11/05/25 11:18	11/06/25 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:38	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:38	1
Barium	267		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:38	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:38	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:38	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:38	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:38	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:38	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:38	1
Manganese	439		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:38	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:38	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:38	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:38	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:38	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:38	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 15:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:26	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/05/25 12:10	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	8.07		5.00	1.40	mg/L			11/07/25 12:50	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-9

Lab Sample ID: 752-38796-7

Date Collected: 10/31/25 10:50

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 22:46	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 22:46	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 22:46	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 22:46	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 22:46	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 22:46	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 22:46	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 22:46	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 22:46	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 22:46	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 22:46	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 22:46	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 22:46	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 22:46	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 22:46	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 22:46	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 22:46	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 22:46	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 22:46	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 22:46	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 22:46	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 22:46	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 22:46	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 22:46	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 22:46	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 22:46	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 22:46	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 22:46	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 22:46	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 22:46	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 22:46	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 22:46	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 22:46	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 22:46	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 22:46	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 22:46	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 22:46	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 22:46	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 22:46	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 22:46	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 22:46	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 22:46	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-9

Lab Sample ID: 752-38796-7

Date Collected: 10/31/25 10:50

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 22:46	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 22:46	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 22:46	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 22:46	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 22:46	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 22:46	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 22:46	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 22:46	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 22:46	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 22:46	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 22:46	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 22:46	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 22:46	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 22:46	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 22:46	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 22:46	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 22:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 22:46	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 22:46	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 22:46	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 22:46	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 22:46	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	197	S1+	56 - 136		11/06/25 22:46	1
Dibromofluoromethane	132	S1+	79 - 130		11/06/25 22:46	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 22:46	1
Toluene-d8 (Surr)	100		64 - 132		11/06/25 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.290	0.290	ug/L		11/05/25 15:11	11/06/25 20:15	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		10 - 140				11/05/25 15:11	11/06/25 20:15	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		11.8	0.496	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,4,5-Trichlorophenol	ND		11.8	0.638	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,4,6-Trichlorophenol	ND		11.8	1.29	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,4-Dichlorophenol	ND		11.8	0.673	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,4-Dimethylphenol	ND		11.8	0.284	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,4-Dinitrophenol	ND		35.4	5.53	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,4-Dinitrotoluene	ND	*+	11.8	0.768	ug/L		11/05/25 11:18	11/06/25 18:56	1
2,6-Dinitrotoluene	ND	*+	11.8	0.343	ug/L		11/05/25 11:18	11/06/25 18:56	1
2-Chloronaphthalene	ND		11.8	0.449	ug/L		11/05/25 11:18	11/06/25 18:56	1
2-Chlorophenol	ND		11.8	0.992	ug/L		11/05/25 11:18	11/06/25 18:56	1
2-Methylnaphthalene	ND		11.8	0.957	ug/L		11/05/25 11:18	11/06/25 18:56	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-9

Lab Sample ID: 752-38796-7

Date Collected: 10/31/25 10:50

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.8	0.898	ug/L		11/05/25 11:18	11/06/25 18:56	1
2-Nitroaniline	ND	+	11.8	1.62	ug/L		11/05/25 11:18	11/06/25 18:56	1
2-Nitrophenol	ND	+	11.8	1.38	ug/L		11/05/25 11:18	11/06/25 18:56	1
3 & 4 Methylphenol	ND		23.6	5.43	ug/L		11/05/25 11:18	11/06/25 18:56	1
3,3'-Dichlorobenzidine	ND		13.0	0.484	ug/L		11/05/25 11:18	11/06/25 18:56	1
3-Nitroaniline	ND	+	11.8	1.12	ug/L		11/05/25 11:18	11/06/25 18:56	1
4,6-Dinitro-2-methylphenol	ND	+	11.8	2.33	ug/L		11/05/25 11:18	11/06/25 18:56	1
4-Bromophenyl phenyl ether	ND		11.8	0.154	ug/L		11/05/25 11:18	11/06/25 18:56	1
4-Chloro-3-methylphenol	ND		11.8	0.863	ug/L		11/05/25 11:18	11/06/25 18:56	1
4-Chloroaniline	ND		11.8	0.685	ug/L		11/05/25 11:18	11/06/25 18:56	1
4-Chlorophenyl phenyl ether	ND		11.8	0.284	ug/L		11/05/25 11:18	11/06/25 18:56	1
4-Nitroaniline	ND	+	11.8	4.14	ug/L		11/05/25 11:18	11/06/25 18:56	1
4-Nitrophenol	ND		11.8	3.24	ug/L		11/05/25 11:18	11/06/25 18:56	1
Acenaphthene	ND		11.8	0.744	ug/L		11/05/25 11:18	11/06/25 18:56	1
Acenaphthylene	ND		11.8	0.898	ug/L		11/05/25 11:18	11/06/25 18:56	1
Acetophenone	ND		11.8	3.78	ug/L		11/05/25 11:18	11/06/25 18:56	1
Anthracene	ND		11.8	1.08	ug/L		11/05/25 11:18	11/06/25 18:56	1
Atrazine	ND		11.8	1.34	ug/L		11/05/25 11:18	11/06/25 18:56	1
Benzaldehyde	ND		11.8	0.792	ug/L		11/05/25 11:18	11/06/25 18:56	1
Benzo[a]anthracene	ND		11.8	1.18	ug/L		11/05/25 11:18	11/06/25 18:56	1
Benzo[a]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 18:56	1
Benzo[b]fluoranthene	ND		11.8	1.42	ug/L		11/05/25 11:18	11/06/25 18:56	1
Benzo[g,h,i]perylene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 18:56	1
Benzo[k]fluoranthene	ND		11.8	1.77	ug/L		11/05/25 11:18	11/06/25 18:56	1
bis (2-chloroisopropyl) ether	ND		11.8	1.10	ug/L		11/05/25 11:18	11/06/25 18:56	1
Bis(2-chloroethoxy)methane	ND		11.8	0.402	ug/L		11/05/25 11:18	11/06/25 18:56	1
Bis(2-chloroethyl)ether	ND		11.8	0.863	ug/L		11/05/25 11:18	11/06/25 18:56	1
Bis(2-ethylhexyl) phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 18:56	1
Butyl benzyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 18:56	1
Caprolactam	3.53	J	11.8	2.84	ug/L		11/05/25 11:18	11/06/25 18:56	1
Carbazole	ND		11.8	0.378	ug/L		11/05/25 11:18	11/06/25 18:56	1
Chrysene	ND		11.8	1.42	ug/L		11/05/25 11:18	11/06/25 18:56	1
Dibenz(a,h)anthracene	ND		11.8	1.54	ug/L		11/05/25 11:18	11/06/25 18:56	1
Dibenzofuran	ND		11.8	0.756	ug/L		11/05/25 11:18	11/06/25 18:56	1
Diethyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 18:56	1
Dimethyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 18:56	1
Di-n-butyl phthalate	ND		11.8	9.68	ug/L		11/05/25 11:18	11/06/25 18:56	1
Di-n-octyl phthalate	ND		11.8	4.73	ug/L		11/05/25 11:18	11/06/25 18:56	1
Fluoranthene	ND		11.8	0.744	ug/L		11/05/25 11:18	11/06/25 18:56	1
Fluorene	ND		11.8	0.792	ug/L		11/05/25 11:18	11/06/25 18:56	1
Hexachlorobenzene	ND		11.8	0.295	ug/L		11/05/25 11:18	11/06/25 18:56	1
Hexachlorobutadiene	ND		11.8	0.650	ug/L		11/05/25 11:18	11/06/25 18:56	1
Hexachlorocyclopentadiene	ND		23.6	0.378	ug/L		11/05/25 11:18	11/06/25 18:56	1
Hexachloroethane	ND		11.8	0.626	ug/L		11/05/25 11:18	11/06/25 18:56	1
Indeno[1,2,3-cd]pyrene	ND		11.8	1.30	ug/L		11/05/25 11:18	11/06/25 18:56	1
Isophorone	ND		11.8	0.945	ug/L		11/05/25 11:18	11/06/25 18:56	1
Naphthalene	ND		11.8	0.886	ug/L		11/05/25 11:18	11/06/25 18:56	1
Nitrobenzene	ND		11.8	0.709	ug/L		11/05/25 11:18	11/06/25 18:56	1
N-Nitrosodi-n-propylamine	ND		11.8	0.390	ug/L		11/05/25 11:18	11/06/25 18:56	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-9

Lab Sample ID: 752-38796-7

Date Collected: 10/31/25 10:50

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.8	0.224	ug/L		11/05/25 11:18	11/06/25 18:56	1
Pentachlorophenol	ND		11.8	3.31	ug/L		11/05/25 11:18	11/06/25 18:56	1
Phenanthrene	ND		11.8	0.874	ug/L		11/05/25 11:18	11/06/25 18:56	1
Phenol	ND		11.8	0.803	ug/L		11/05/25 11:18	11/06/25 18:56	1
Pyrene	ND		11.8	0.744	ug/L		11/05/25 11:18	11/06/25 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	108		10 - 150	11/05/25 11:18	11/06/25 18:56	1
2-Fluorobiphenyl (Surr)	101		25 - 139	11/05/25 11:18	11/06/25 18:56	1
2-Fluorophenol (Surr)	87		10 - 150	11/05/25 11:18	11/06/25 18:56	1
Nitrobenzene-d5 (Surr)	131		22 - 150	11/05/25 11:18	11/06/25 18:56	1
Phenol-d5 (Surr)	85		10 - 150	11/05/25 11:18	11/06/25 18:56	1
Terphenyl-d14 (Surr)	60		28 - 150	11/05/25 11:18	11/06/25 18:56	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		11/05/25 09:04	11/11/25 03:40	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:40	1
Barium	56.3		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:40	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:40	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:40	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:40	1
Cobalt	0.969	J	5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:40	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:40	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:40	1
Manganese	374		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:40	1
Nickel	4.47	J	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:40	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:40	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:40	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:40	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:40	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 16:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 17:03	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	ND		0.100	0.0100	mg/L			11/05/25 12:19	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	39.6		5.00	1.40	mg/L			11/07/25 12:51	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-Dup

Lab Sample ID: 752-38796-8

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/08/25 00:56	1
Benzene	ND		1.00	0.500	ug/L			11/08/25 00:56	1
Bromobenzene	ND		1.00	0.540	ug/L			11/08/25 00:56	1
Bromoform	ND		5.00	0.250	ug/L			11/08/25 00:56	1
Bromomethane	ND		1.00	0.980	ug/L			11/08/25 00:56	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/08/25 00:56	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/08/25 00:56	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/08/25 00:56	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/08/25 00:56	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/08/25 00:56	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/08/25 00:56	1
Chloroethane	ND		1.00	0.760	ug/L			11/08/25 00:56	1
Chloroform	ND		1.00	0.900	ug/L			11/08/25 00:56	1
Chloromethane	ND		1.00	0.840	ug/L			11/08/25 00:56	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/08/25 00:56	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/08/25 00:56	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/08/25 00:56	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/08/25 00:56	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/08/25 00:56	1
Dibromomethane	ND		5.00	0.220	ug/L			11/08/25 00:56	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/08/25 00:56	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/08/25 00:56	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/08/25 00:56	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/08/25 00:56	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/08/25 00:56	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/08/25 00:56	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/08/25 00:56	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/08/25 00:56	1
Hexane	ND		1.00	0.960	ug/L			11/08/25 00:56	1
2-Hexanone	ND		25.0	9.10	ug/L			11/08/25 00:56	1
Iodomethane	ND		1.00	0.900	ug/L			11/08/25 00:56	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/08/25 00:56	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/08/25 00:56	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/08/25 00:56	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/08/25 00:56	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/08/25 00:56	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/08/25 00:56	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/08/25 00:56	1
Naphthalene	ND		5.00	3.00	ug/L			11/08/25 00:56	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/08/25 00:56	1
n-Heptane	ND		1.00	0.690	ug/L			11/08/25 00:56	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/08/25 00:56	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-Dup

Lab Sample ID: 752-38796-8

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/08/25 00:56	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/08/25 00:56	1
Styrene	ND		1.00	1.00	ug/L			11/08/25 00:56	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/08/25 00:56	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/08/25 00:56	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/08/25 00:56	1
Toluene	ND		1.00	0.900	ug/L			11/08/25 00:56	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/08/25 00:56	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 00:56	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/08/25 00:56	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/08/25 00:56	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/08/25 00:56	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/08/25 00:56	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/08/25 00:56	1
Trichloroethene	ND		1.00	0.480	ug/L			11/08/25 00:56	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/08/25 00:56	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/08/25 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/08/25 00:56	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/08/25 00:56	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/08/25 00:56	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/08/25 00:56	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/08/25 00:56	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/08/25 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		56 - 136		11/08/25 00:56	1
Dibromofluoromethane	110		79 - 130		11/08/25 00:56	1
1,2-Dichloroethane-d4 (Surr)	114		59 - 146		11/08/25 00:56	1
Toluene-d8 (Surr)	102		64 - 132		11/08/25 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.292	0.292	ug/L		11/05/25 15:11	11/06/25 20:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	26		10 - 140				11/05/25 15:11	11/06/25 20:36	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		11.6	0.486	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,4,5-Trichlorophenol	ND		11.6	0.625	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,4,6-Trichlorophenol	ND		11.6	1.26	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,4-Dichlorophenol	ND		11.6	0.660	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,4-Dimethylphenol	ND		11.6	0.278	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,4-Dinitrophenol	ND		34.7	5.42	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,4-Dinitrotoluene	ND	+	11.6	0.753	ug/L		11/05/25 11:18	11/06/25 19:28	1
2,6-Dinitrotoluene	ND	+	11.6	0.336	ug/L		11/05/25 11:18	11/06/25 19:28	1
2-Chloronaphthalene	ND		11.6	0.440	ug/L		11/05/25 11:18	11/06/25 19:28	1
2-Chlorophenol	ND		11.6	0.972	ug/L		11/05/25 11:18	11/06/25 19:28	1
2-Methylnaphthalene	ND		11.6	0.938	ug/L		11/05/25 11:18	11/06/25 19:28	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-Dup

Lab Sample ID: 752-38796-8

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		11.6	0.880	ug/L		11/05/25 11:18	11/06/25 19:28	1
2-Nitroaniline	ND	+	11.6	1.59	ug/L		11/05/25 11:18	11/06/25 19:28	1
2-Nitrophenol	ND	+	11.6	1.35	ug/L		11/05/25 11:18	11/06/25 19:28	1
3 & 4 Methylphenol	ND		23.2	5.33	ug/L		11/05/25 11:18	11/06/25 19:28	1
3,3'-Dichlorobenzidine	ND		12.7	0.475	ug/L		11/05/25 11:18	11/06/25 19:28	1
3-Nitroaniline	ND	+	11.6	1.10	ug/L		11/05/25 11:18	11/06/25 19:28	1
4,6-Dinitro-2-methylphenol	ND	+	11.6	2.28	ug/L		11/05/25 11:18	11/06/25 19:28	1
4-Bromophenyl phenyl ether	ND		11.6	0.151	ug/L		11/05/25 11:18	11/06/25 19:28	1
4-Chloro-3-methylphenol	ND		11.6	0.845	ug/L		11/05/25 11:18	11/06/25 19:28	1
4-Chloroaniline	ND		11.6	0.671	ug/L		11/05/25 11:18	11/06/25 19:28	1
4-Chlorophenyl phenyl ether	ND		11.6	0.278	ug/L		11/05/25 11:18	11/06/25 19:28	1
4-Nitroaniline	ND	+	11.6	4.05	ug/L		11/05/25 11:18	11/06/25 19:28	1
4-Nitrophenol	ND		11.6	3.17	ug/L		11/05/25 11:18	11/06/25 19:28	1
Acenaphthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 19:28	1
Acenaphthylene	ND		11.6	0.880	ug/L		11/05/25 11:18	11/06/25 19:28	1
Acetophenone	ND		11.6	3.70	ug/L		11/05/25 11:18	11/06/25 19:28	1
Anthracene	ND		11.6	1.05	ug/L		11/05/25 11:18	11/06/25 19:28	1
Atrazine	ND		11.6	1.31	ug/L		11/05/25 11:18	11/06/25 19:28	1
Benzaldehyde	ND		11.6	0.776	ug/L		11/05/25 11:18	11/06/25 19:28	1
Benzo[a]anthracene	ND		11.6	1.16	ug/L		11/05/25 11:18	11/06/25 19:28	1
Benzo[a]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 19:28	1
Benzo[b]fluoranthene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 19:28	1
Benzo[g,h,i]perylene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 19:28	1
Benzo[k]fluoranthene	ND		11.6	1.74	ug/L		11/05/25 11:18	11/06/25 19:28	1
bis (2-chloroisopropyl) ether	ND		11.6	1.08	ug/L		11/05/25 11:18	11/06/25 19:28	1
Bis(2-chloroethoxy)methane	ND		11.6	0.394	ug/L		11/05/25 11:18	11/06/25 19:28	1
Bis(2-chloroethyl)ether	ND		11.6	0.845	ug/L		11/05/25 11:18	11/06/25 19:28	1
Bis(2-ethylhexyl) phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 19:28	1
Butyl benzyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 19:28	1
Caprolactam	ND		11.6	2.78	ug/L		11/05/25 11:18	11/06/25 19:28	1
Carbazole	ND		11.6	0.370	ug/L		11/05/25 11:18	11/06/25 19:28	1
Chrysene	ND		11.6	1.39	ug/L		11/05/25 11:18	11/06/25 19:28	1
Dibenz(a,h)anthracene	ND		11.6	1.51	ug/L		11/05/25 11:18	11/06/25 19:28	1
Dibenzofuran	ND		11.6	0.741	ug/L		11/05/25 11:18	11/06/25 19:28	1
Diethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 19:28	1
Dimethyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 19:28	1
Di-n-butyl phthalate	ND		11.6	9.48	ug/L		11/05/25 11:18	11/06/25 19:28	1
Di-n-octyl phthalate	ND		11.6	4.63	ug/L		11/05/25 11:18	11/06/25 19:28	1
Fluoranthene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 19:28	1
Fluorene	ND		11.6	0.776	ug/L		11/05/25 11:18	11/06/25 19:28	1
Hexachlorobenzene	ND		11.6	0.289	ug/L		11/05/25 11:18	11/06/25 19:28	1
Hexachlorobutadiene	ND		11.6	0.637	ug/L		11/05/25 11:18	11/06/25 19:28	1
Hexachlorocyclopentadiene	ND		23.2	0.370	ug/L		11/05/25 11:18	11/06/25 19:28	1
Hexachloroethane	ND		11.6	0.614	ug/L		11/05/25 11:18	11/06/25 19:28	1
Indeno[1,2,3-cd]pyrene	ND		11.6	1.27	ug/L		11/05/25 11:18	11/06/25 19:28	1
Isophorone	ND		11.6	0.926	ug/L		11/05/25 11:18	11/06/25 19:28	1
Naphthalene	ND		11.6	0.868	ug/L		11/05/25 11:18	11/06/25 19:28	1
Nitrobenzene	ND		11.6	0.695	ug/L		11/05/25 11:18	11/06/25 19:28	1
N-Nitrosodi-n-propylamine	ND		11.6	0.382	ug/L		11/05/25 11:18	11/06/25 19:28	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-Dup

Lab Sample ID: 752-38796-8

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		11.6	0.220	ug/L		11/05/25 11:18	11/06/25 19:28	1
Pentachlorophenol	ND		11.6	3.24	ug/L		11/05/25 11:18	11/06/25 19:28	1
Phenanthrene	ND		11.6	0.857	ug/L		11/05/25 11:18	11/06/25 19:28	1
Phenol	ND		11.6	0.787	ug/L		11/05/25 11:18	11/06/25 19:28	1
Pyrene	ND		11.6	0.729	ug/L		11/05/25 11:18	11/06/25 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	111		10 - 150	11/05/25 11:18	11/06/25 19:28	1
2-Fluorobiphenyl (Surr)	103		25 - 139	11/05/25 11:18	11/06/25 19:28	1
2-Fluorophenol (Surr)	89		10 - 150	11/05/25 11:18	11/06/25 19:28	1
Nitrobenzene-d5 (Surr)	133		22 - 150	11/05/25 11:18	11/06/25 19:28	1
Phenol-d5 (Surr)	88		10 - 150	11/05/25 11:18	11/06/25 19:28	1
Terphenyl-d14 (Surr)	55		28 - 150	11/05/25 11:18	11/06/25 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 03:43	1
Arsenic	2.03	J	5.00	1.32	ug/L		11/05/25 09:04	11/11/25 03:43	1
Barium	178		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 03:43	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 03:43	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 03:43	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 03:43	1
Cobalt	16.8		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 03:43	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 03:43	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 03:43	1
Manganese	1790		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 03:43	1
Nickel	2.84	J	5.00	0.422	ug/L		11/05/25 09:04	11/11/25 03:43	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 03:43	1
Silver	ND		1.00	0.167	ug/L		11/05/25 09:04	11/11/25 03:43	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 03:43	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 03:43	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 03:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	0.171	J F1	0.250	0.100	mg/L			11/04/25 17:08	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0370	J	0.100	0.0100	mg/L			11/05/25 12:21	1
Nitrate as N (SM Nitrate by calc)	0.0370	J	0.100	0.0100	mg/L			11/05/25 07:28	1
Sulfate (SM 4500 SO4 E)	88.9		25.0	7.00	mg/L			11/07/25 14:49	5

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38796-9

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/08/25 01:23	1
Benzene	ND		1.00	0.500	ug/L			11/08/25 01:23	1
Bromobenzene	ND		1.00	0.540	ug/L			11/08/25 01:23	1
Bromoform	ND		5.00	0.250	ug/L			11/08/25 01:23	1
Bromomethane	ND		1.00	0.980	ug/L			11/08/25 01:23	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/08/25 01:23	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/08/25 01:23	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/08/25 01:23	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/08/25 01:23	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/08/25 01:23	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/08/25 01:23	1
Chloroethane	ND		1.00	0.760	ug/L			11/08/25 01:23	1
Chloroform	ND		1.00	0.900	ug/L			11/08/25 01:23	1
Chloromethane	ND		1.00	0.840	ug/L			11/08/25 01:23	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/08/25 01:23	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/08/25 01:23	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/08/25 01:23	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/08/25 01:23	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/08/25 01:23	1
Dibromomethane	ND		5.00	0.220	ug/L			11/08/25 01:23	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/08/25 01:23	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/08/25 01:23	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/08/25 01:23	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/08/25 01:23	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/08/25 01:23	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/08/25 01:23	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/08/25 01:23	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/08/25 01:23	1
Hexane	ND		1.00	0.960	ug/L			11/08/25 01:23	1
2-Hexanone	ND		25.0	9.10	ug/L			11/08/25 01:23	1
Iodomethane	ND		1.00	0.900	ug/L			11/08/25 01:23	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/08/25 01:23	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/08/25 01:23	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/08/25 01:23	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/08/25 01:23	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/08/25 01:23	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/08/25 01:23	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/08/25 01:23	1
Naphthalene	ND		5.00	3.00	ug/L			11/08/25 01:23	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/08/25 01:23	1
n-Heptane	ND		1.00	0.690	ug/L			11/08/25 01:23	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/08/25 01:23	1

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Client Sample Results

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

Job ID: 752-38796-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38796-9

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/08/25 01:23	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/08/25 01:23	1
Styrene	ND		1.00	1.00	ug/L			11/08/25 01:23	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/08/25 01:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/08/25 01:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/08/25 01:23	1
Toluene	ND		1.00	0.900	ug/L			11/08/25 01:23	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/08/25 01:23	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 01:23	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/08/25 01:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/08/25 01:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/08/25 01:23	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/08/25 01:23	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/08/25 01:23	1
Trichloroethene	ND		1.00	0.480	ug/L			11/08/25 01:23	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/08/25 01:23	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/08/25 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/08/25 01:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/08/25 01:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/08/25 01:23	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/08/25 01:23	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/08/25 01:23	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/08/25 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		56 - 136		11/08/25 01:23	1
Dibromofluoromethane	106		79 - 130		11/08/25 01:23	1
1,2-Dichloroethane-d4 (Surr)	112		59 - 146		11/08/25 01:23	1
Toluene-d8 (Surr)	100		64 - 132		11/08/25 01:23	1

Surrogate Summary

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

Job ID: 752-38796-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (56-136)	DBFM (79-130)	DCA (59-146)	TOL (64-132)
752-38796-1	825-MW-2	108	98	107	80
752-38796-1	825-MW-2	99	109	113	102
752-38796-2	825-MW-3	97	110	110	99
752-38796-3	825-MW-4	107	98	108	155 S1+
752-38796-4	825-MW-6	103	95	93	101
752-38796-5	825-MW-7	94	107	111	101
752-38796-6	825-MW-8	142 S1+	98	107	100
752-38796-7	825-MW-9	197 S1+	132 S1+	107	100
752-38796-8	825-MW-Dup	96	110	114	102
752-38796-9	Trip Blank	94	106	112	100
LCS 400-729595/1003	Lab Control Sample	92	97	103	97
LCS 400-729745/1002	Lab Control Sample	97	104	115	100
MB 400-729595/5	Method Blank	99	98	109	101
MB 400-729745/5	Method Blank	99	104	111	102
Surrogate Legend					
BFB = 4-Bromofluorobenzene					
DBFM = Dibromofluoromethane					
DCA = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (10-150)	FBP (25-139)	2FP (10-150)	NBZ (22-150)	PHL (10-150)	TPHL (28-150)
752-38796-1	825-MW-2	118	105	95	139	93	60
752-38796-2	825-MW-3	115	100	88	132	86	57
752-38796-3	825-MW-4	113	102	54	135	67	57
752-38796-4	825-MW-6	115	98	90	129	88	55
752-38796-5	825-MW-7	115	111	90	143	88	57
752-38796-6	825-MW-8	110	98	87	128	87	61
752-38796-7	825-MW-9	108	101	87	131	85	60
752-38796-8	825-MW-Dup	111	103	89	133	88	55
LCS 400-729456/2-A	Lab Control Sample	115	98	93	140	96	87
LCSD 400-729456/3-A	Lab Control Sample Dup	110	96	88	130	93	82
MB 400-729456/1-A	Method Blank	112	99	92	138	92	74
Surrogate Legend							
TBP = 2,4,6-Tribromophenol (Surr)							
FBP = 2-Fluorobiphenyl (Surr)							
2FP = 2-Fluorophenol (Surr)							
NBZ = Nitrobenzene-d5 (Surr)							
PHL = Phenol-d5 (Surr)							
TPHL = Terphenyl-d14 (Surr)							

Isotope Dilution Summary

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

Job ID: 752-38796-1

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

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE					
		(10-140)					
752-38796-1	825-MW-2	29					
752-38796-2	825-MW-3	28					
752-38796-3	825-MW-4	26					
752-38796-4	825-MW-6	24					
752-38796-5	825-MW-7	28					
752-38796-6	825-MW-8	31					
752-38796-7	825-MW-9	28					
752-38796-8	825-MW-Dup	26					
LCS 400-729500/2-A	Lab Control Sample	25					
LCSD 400-729500/3-A	Lab Control Sample Dup	27					
MB 400-729500/1-A	Method Blank	29					

Surrogate Legend

DXE = 1,4-Dioxane-d8

QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 400-729595/5

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 12:56	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 12:56	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 12:56	1
Bromomethane	ND		1.00	0.980	ug/L			11/06/25 12:56	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 12:56	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 12:56	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 12:56	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 12:56	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 12:56	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 12:56	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 12:56	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 12:56	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 12:56	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 12:56	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 12:56	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 12:56	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 12:56	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 12:56	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 12:56	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 12:56	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 12:56	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 12:56	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 12:56	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 12:56	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 12:56	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 12:56	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 12:56	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 12:56	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 12:56	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 12:56	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 12:56	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 12:56	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 12:56	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 12:56	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 12:56	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 12:56	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 12:56	1

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 400-729595/5

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 12:56	1
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 12:56	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 12:56	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 12:56	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 12:56	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 12:56	1
1,1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 12:56	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 12:56	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 12:56	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 12:56	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 12:56	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 12:56	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 12:56	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 12:56	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 12:56	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 12:56	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 12:56	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 12:56	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 12:56	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 12:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		56 - 136		11/06/25 12:56	1
Dibromofluoromethane	98		79 - 130		11/06/25 12:56	1
1,2-Dichloroethane-d4 (Surr)	109		59 - 146		11/06/25 12:56	1
Toluene-d8 (Surr)	101		64 - 132		11/06/25 12:56	1

Lab Sample ID: LCS 400-729595/1003

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	255.1		ug/L		128	43 - 150
Benzene	50.0	52.99		ug/L		106	70 - 130
Bromobenzene	50.0	50.45		ug/L		101	70 - 132
Bromoform	50.0	49.79		ug/L		100	57 - 140
Bromomethane	50.0	124.5	*+	ug/L		249	10 - 150
2-Butanone (MEK)	200	263.5		ug/L		132	61 - 145
Carbon disulfide	50.0	48.41		ug/L		97	61 - 137
Carbon tetrachloride	50.0	51.31		ug/L		103	61 - 137
Chlorobenzene	50.0	53.27		ug/L		107	70 - 130
Chlorobromomethane	50.0	49.98		ug/L		100	70 - 130
Chlorodibromomethane	50.0	51.23		ug/L		102	67 - 135

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCS 400-729595/1003

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	67.61		ug/L		135	55 - 141
Chloroform	50.0	52.68		ug/L		105	69 - 130
Chloromethane	50.0	47.71		ug/L		95	58 - 137
2-Chlorotoluene	50.0	50.09		ug/L		100	70 - 130
4-Chlorotoluene	50.0	58.27		ug/L		117	70 - 130
cis-1,2-Dichloroethene	50.0	51.47		ug/L		103	68 - 130
cis-1,3-Dichloropropene	50.0	49.43		ug/L		99	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	41.38		ug/L		83	54 - 135
Dibromomethane	50.0	50.80		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	52.52		ug/L		105	67 - 130
1,3-Dichlorobenzene	50.0	54.39		ug/L		109	70 - 130
1,4-Dichlorobenzene	50.0	54.25		ug/L		109	70 - 130
Dichlorobromomethane	50.0	51.85		ug/L		104	67 - 133
1,1-Dichloroethane	50.0	51.42		ug/L		103	70 - 130
1,2-Dichloroethane	50.0	53.86		ug/L		108	69 - 130
1,1-Dichloroethene	50.0	48.52		ug/L		97	63 - 134
1,2-Dichloropropane	50.0	53.76		ug/L		108	70 - 130
1,3-Dichloropropane	50.0	51.27		ug/L		103	70 - 130
2,2-Dichloropropane	50.0	49.09		ug/L		98	52 - 135
1,1-Dichloropropene	50.0	52.60		ug/L		105	70 - 130
Ethyl acetate	100	82.79		ug/L		83	34 - 150
Ethylbenzene	50.0	55.15		ug/L		110	70 - 130
Ethylene Dibromide	50.0	49.06		ug/L		98	70 - 130
Hexachlorobutadiene	50.0	60.35		ug/L		121	53 - 140
Hexane	50.0	49.24		ug/L		98	69 - 130
2-Hexanone	200	266.5		ug/L		133	65 - 137
Iodomethane	50.0	18.10		ug/L		36	27 - 150
Isopropylbenzene	50.0	54.86		ug/L		110	70 - 130
Isopropyl ether	20.0	19.76		ug/L		99	64 - 132
4-Isopropyltoluene	50.0	58.74		ug/L		117	65 - 130
Methylene Chloride	50.0	43.62		ug/L		87	66 - 135
4-Methyl-2-pentanone (MIBK)	200	210.4		ug/L		105	69 - 138
Methyl tert-butyl ether	50.0	45.91		ug/L		92	66 - 130
m-Xylene & p-Xylene	50.0	54.03		ug/L		108	70 - 130
Naphthalene	50.0	45.88		ug/L		92	47 - 149
n-Butylbenzene	50.0	55.34		ug/L		111	67 - 130
n-Heptane	50.0	53.90		ug/L		108	70 - 130
N-Propylbenzene	50.0	55.49		ug/L		111	70 - 130
o-Xylene	50.0	54.69		ug/L		109	70 - 130
sec-Butylbenzene	50.0	59.21		ug/L		118	66 - 130
Styrene	50.0	54.34		ug/L		109	70 - 130
tert-Butylbenzene	50.0	57.04		ug/L		114	64 - 139
1,1,1,2-Tetrachloroethane	50.0	53.27		ug/L		107	67 - 131
1,1,2,2-Tetrachloroethane	50.0	50.93		ug/L		102	70 - 131
Tetrachloroethene	50.0	53.20		ug/L		106	65 - 130
Toluene	50.0	52.04		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	51.11		ug/L		102	57 - 140
trans-1,2-Dichloroethene	50.0	51.23		ug/L		102	70 - 130
trans-1,3-Dichloropropene	50.0	49.83		ug/L		100	63 - 130

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCS 400-729595/1003

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	51.45		ug/L		103	60 - 138
1,2,4-Trichlorobenzene	50.0	52.39		ug/L		105	60 - 140
1,1,1-Trichloroethane	50.0	50.03		ug/L		100	68 - 130
1,1,2-Trichloroethane	50.0	51.08		ug/L		102	70 - 130
Trichloroethene	50.0	49.91		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	53.89		ug/L		108	65 - 138
1,2,3-Trichloropropane	50.0	50.05		ug/L		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.33		ug/L		97	60 - 139
1,2,4-Trimethylbenzene	50.0	57.61		ug/L		115	70 - 130
1,3,5-Trimethylbenzene	50.0	57.18		ug/L		114	69 - 130
Vinyl acetate	100	108.3		ug/L		108	26 - 150
Vinyl chloride	50.0	52.90		ug/L		106	59 - 136
Xylenes, Total	100	108.7		ug/L		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	92		56 - 136
Dibromofluoromethane	97		79 - 130
1,2-Dichloroethane-d4 (Surr)	103		59 - 146
Toluene-d8 (Surr)	97		64 - 132

Lab Sample ID: MB 400-729745/5

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/07/25 15:06	1
Benzene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Bromobenzene	ND		1.00	0.540	ug/L			11/07/25 15:06	1
Bromoform	ND		5.00	0.250	ug/L			11/07/25 15:06	1
Bromomethane	ND		1.00	0.980	ug/L			11/07/25 15:06	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/07/25 15:06	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/07/25 15:06	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/07/25 15:06	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/07/25 15:06	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/07/25 15:06	1
Chloroethane	ND		1.00	0.760	ug/L			11/07/25 15:06	1
Chloroform	ND		1.00	0.900	ug/L			11/07/25 15:06	1
Chloromethane	ND		1.00	0.840	ug/L			11/07/25 15:06	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/07/25 15:06	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/07/25 15:06	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/07/25 15:06	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/07/25 15:06	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/07/25 15:06	1
Dibromomethane	ND		5.00	0.220	ug/L			11/07/25 15:06	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/07/25 15:06	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/07/25 15:06	1

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 400-729745/5

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/07/25 15:06	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/07/25 15:06	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/07/25 15:06	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/07/25 15:06	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/07/25 15:06	1
Hexane	ND		1.00	0.960	ug/L			11/07/25 15:06	1
2-Hexanone	ND		25.0	9.10	ug/L			11/07/25 15:06	1
Iodomethane	ND		1.00	0.900	ug/L			11/07/25 15:06	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/07/25 15:06	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/07/25 15:06	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/07/25 15:06	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/07/25 15:06	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/07/25 15:06	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/07/25 15:06	1
Naphthalene	ND		5.00	3.00	ug/L			11/07/25 15:06	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/07/25 15:06	1
n-Heptane	ND		1.00	0.690	ug/L			11/07/25 15:06	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/07/25 15:06	1
o-Xylene	ND		5.00	3.00	ug/L			11/07/25 15:06	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/07/25 15:06	1
Styrene	ND		1.00	1.00	ug/L			11/07/25 15:06	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/07/25 15:06	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/07/25 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/07/25 15:06	1
Toluene	ND		1.00	0.900	ug/L			11/07/25 15:06	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/07/25 15:06	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/07/25 15:06	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/07/25 15:06	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/07/25 15:06	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/07/25 15:06	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/07/25 15:06	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/07/25 15:06	1
Trichloroethene	ND		1.00	0.480	ug/L			11/07/25 15:06	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/07/25 15:06	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/07/25 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/07/25 15:06	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/07/25 15:06	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/07/25 15:06	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/07/25 15:06	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/07/25 15:06	1

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 400-729745/5

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10.0	6.00	ug/L			11/07/25 15:06	1

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

Lab Sample ID: LCS 400-729745/1002

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	377.2	*+	ug/L		189	43 - 150
Benzene	50.0	47.06		ug/L		94	70 - 130
Bromobenzene	50.0	44.74		ug/L		89	70 - 132
Bromoform	50.0	42.13		ug/L		84	57 - 140
Bromomethane	50.0	75.20		ug/L		150	10 - 150
2-Butanone (MEK)	200	212.7		ug/L		106	61 - 145
Carbon disulfide	50.0	40.32		ug/L		81	61 - 137
Carbon tetrachloride	50.0	46.85		ug/L		94	61 - 137
Chlorobenzene	50.0	48.71		ug/L		97	70 - 130
Chlorobromomethane	50.0	47.39		ug/L		95	70 - 130
Chlorodibromomethane	50.0	46.12		ug/L		92	67 - 135
Chloroethane	50.0	54.08		ug/L		108	55 - 141
Chloroform	50.0	49.00		ug/L		98	69 - 130
Chloromethane	50.0	54.75		ug/L		110	58 - 137
2-Chlorotoluene	50.0	52.20		ug/L		104	70 - 130
4-Chlorotoluene	50.0	53.67		ug/L		107	70 - 130
cis-1,2-Dichloroethene	50.0	48.82		ug/L		98	68 - 130
cis-1,3-Dichloropropene	50.0	46.95		ug/L		94	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	44.62		ug/L		89	54 - 135
Dibromomethane	50.0	47.31		ug/L		95	70 - 130
1,2-Dichlorobenzene	50.0	51.02		ug/L		102	67 - 130
1,3-Dichlorobenzene	50.0	49.99		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	50.77		ug/L		102	70 - 130
Dichlorobromomethane	50.0	49.48		ug/L		99	67 - 133
1,1-Dichloroethane	50.0	45.52		ug/L		91	70 - 130
1,2-Dichloroethane	50.0	52.57		ug/L		105	69 - 130
1,1-Dichloroethene	50.0	49.71		ug/L		99	63 - 134
1,2-Dichloropropane	50.0	49.02		ug/L		98	70 - 130
1,3-Dichloropropane	50.0	48.18		ug/L		96	70 - 130
2,2-Dichloropropane	50.0	46.70		ug/L		93	52 - 135
1,1-Dichloropropene	50.0	48.04		ug/L		96	70 - 130
Ethyl acetate	100	87.24		ug/L		87	34 - 150
Ethylbenzene	50.0	51.62		ug/L		103	70 - 130
Ethylene Dibromide	50.0	46.56		ug/L		93	70 - 130
Hexachlorobutadiene	50.0	52.15		ug/L		104	53 - 140

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCS 400-729745/1002

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	50.0	41.46		ug/L		83	69 - 130
2-Hexanone	200	216.2		ug/L		108	65 - 137
Iodomethane	50.0	38.26		ug/L		77	27 - 150
Isopropylbenzene	50.0	52.83		ug/L		106	70 - 130
Isopropyl ether	50.0	44.40		ug/L		89	64 - 132
4-Isopropyltoluene	50.0	55.48		ug/L		111	65 - 130
Methylene Chloride	50.0	42.71		ug/L		85	66 - 135
4-Methyl-2-pentanone (MIBK)	200	215.9		ug/L		108	69 - 138
Methyl tert-butyl ether	50.0	45.09		ug/L		90	66 - 130
m-Xylene & p-Xylene	50.0	51.16		ug/L		102	70 - 130
Naphthalene	50.0	44.40		ug/L		89	47 - 149
n-Butylbenzene	50.0	61.96		ug/L		124	67 - 130
n-Heptane	50.0	45.76		ug/L		92	70 - 130
N-Propylbenzene	50.0	51.09		ug/L		102	70 - 130
o-Xylene	50.0	51.55		ug/L		103	70 - 130
sec-Butylbenzene	50.0	56.10		ug/L		112	66 - 130
Styrene	50.0	49.57		ug/L		99	70 - 130
tert-Butylbenzene	50.0	54.77		ug/L		110	64 - 139
1,1,1,2-Tetrachloroethane	50.0	47.12		ug/L		94	67 - 131
1,1,2,2-Tetrachloroethane	50.0	46.91		ug/L		94	70 - 131
Tetrachloroethene	50.0	48.13		ug/L		96	65 - 130
Toluene	50.0	47.35		ug/L		95	70 - 130
trans-1,4-Dichloro-2-butene	50.0	53.88		ug/L		108	57 - 140
trans-1,2-Dichloroethene	50.0	43.23		ug/L		86	70 - 130
trans-1,3-Dichloropropene	50.0	48.17		ug/L		96	63 - 130
1,2,3-Trichlorobenzene	50.0	46.37		ug/L		93	60 - 138
1,2,4-Trichlorobenzene	50.0	48.47		ug/L		97	60 - 140
1,1,1-Trichloroethane	50.0	48.14		ug/L		96	68 - 130
1,1,2-Trichloroethane	50.0	47.84		ug/L		96	70 - 130
Trichloroethene	50.0	45.05		ug/L		90	70 - 130
Trichlorofluoromethane	50.0	57.69		ug/L		115	65 - 138
1,2,3-Trichloropropane	50.0	46.54		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.39		ug/L		101	60 - 139
1,2,4-Trimethylbenzene	50.0	52.56		ug/L		105	70 - 130
1,3,5-Trimethylbenzene	50.0	52.04		ug/L		104	69 - 130
Vinyl acetate	100	105.2		ug/L		105	26 - 150
Vinyl chloride	50.0	46.24		ug/L		92	59 - 136
Xylenes, Total	100	102.7		ug/L		103	70 - 130

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

QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 400-729456/1-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729456

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

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 400-729456/1-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729456

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

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

Lab Sample ID: LCS 400-729456/2-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729456

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

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCS 400-729456/2-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729456

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

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCS 400-729456/2-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729456

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

Lab Sample ID: LCSD 400-729456/3-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 729456

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

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCSD 400-729456/3-A

Matrix: Water

Analysis Batch: 729583

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 729456

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

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

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

Lab Sample ID: MB 400-729500/1-A

Matrix: Water

Analysis Batch: 729647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729500

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dioxane	ND		0.300	0.300	ug/L	-	11/05/25 15:10	11/06/25 14:31	1
Isotope Dilution	MB MB		Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
1,4-Dioxane-d8	29		10 - 140	11/05/25 15:10	11/06/25 14:31	1			

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: LCS 400-729500/2-A

Matrix: Water

Analysis Batch: 729647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	16.0	16.77		ug/L		105	30 - 150
Isotope Dilution	%Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8	25		10 - 140				

Lab Sample ID: LCSD 400-729500/3-A

Matrix: Water

Analysis Batch: 729647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 729500

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	16.0	17.70		ug/L		111	30 - 150	5	40
Isotope Dilution	%Recovery	LCSD Qualifier	Limits						
1,4-Dioxane-d8	27		10 - 140						

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-93007/1-A

Matrix: Water

Analysis Batch: 94317

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 93007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 09:04	11/11/25 02:47	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 09:04	11/11/25 02:47	1
Barium	ND		10.0	0.410	ug/L		11/05/25 09:04	11/11/25 02:47	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 09:04	11/11/25 02:47	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 09:04	11/11/25 02:47	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 09:04	11/11/25 02:47	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 09:04	11/11/25 02:47	1
Copper	ND		2.00	0.642	ug/L		11/05/25 09:04	11/11/25 02:47	1
Lead	ND		1.00	0.864	ug/L		11/05/25 09:04	11/11/25 02:47	1
Manganese	ND		5.00	1.29	ug/L		11/05/25 09:04	11/11/25 02:47	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 09:04	11/11/25 02:47	1
Selenium	ND		5.00	2.29	ug/L		11/05/25 09:04	11/11/25 02:47	1
Silver	0.2948	J	1.00	0.167	ug/L		11/05/25 09:04	11/11/25 02:47	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 09:04	11/11/25 02:47	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 09:04	11/11/25 02:47	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 09:04	11/11/25 02:47	1

Lab Sample ID: LCS 705-93007/2-A

Matrix: Water

Analysis Batch: 94317

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 93007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	96.71		ug/L		97	80 - 120
Arsenic	100	101.3		ug/L		101	80 - 120
Barium	100	98.88		ug/L		99	80 - 120
Beryllium	100	107.7		ug/L		108	80 - 120
Cadmium	100	98.76		ug/L		99	80 - 120

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QC Sample Results

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

Job ID: 752-38796-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-93007/2-A

Matrix: Water

Analysis Batch: 94317

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 93007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	101.0		ug/L		101	80 - 120
Cobalt	100	104.5		ug/L		105	80 - 120
Copper	100	105.9		ug/L		106	80 - 120
Lead	100	105.6		ug/L		106	80 - 120
Manganese	100	96.62		ug/L		97	80 - 120
Nickel	100	102.9		ug/L		103	80 - 120
Selenium	100	101.6		ug/L		102	80 - 120
Silver	10.0	11.23		ug/L		112	80 - 120
Thallium	100	105.9		ug/L		106	80 - 120
Vanadium	100	100.9		ug/L		101	80 - 120
Zinc	100	104.8		ug/L		105	80 - 120

Lab Sample ID: 752-38796-1 MS

Matrix: Water

Analysis Batch: 94317

Client Sample ID: 825-MW-2

Prep Type: Total Recoverable

Prep Batch: 93007

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		100	94.16		ug/L		94	75 - 125
Arsenic	ND		100	98.54		ug/L		99	75 - 125
Barium	444		100	529.4	4	ug/L		86	75 - 125
Beryllium	ND		100	109.0		ug/L		109	75 - 125
Cadmium	ND		100	97.34		ug/L		97	75 - 125
Chromium	ND		100	101.1		ug/L		101	75 - 125
Cobalt	ND		100	103.9		ug/L		104	75 - 125
Copper	ND		100	107.8		ug/L		108	75 - 125
Lead	ND		100	104.6		ug/L		105	75 - 125
Manganese	459		100	570.2	4	ug/L		111	75 - 125
Nickel	ND		100	101.6		ug/L		102	75 - 125
Selenium	ND		100	102.3		ug/L		102	75 - 125
Silver	0.282	J B	10.0	11.35		ug/L		111	75 - 125
Thallium	ND		100	106.1		ug/L		106	75 - 125
Vanadium	ND		100	102.6		ug/L		103	75 - 125
Zinc	ND		100	103.7		ug/L		104	75 - 125

Lab Sample ID: 752-38796-1 MSD

Matrix: Water

Analysis Batch: 94317

Client Sample ID: 825-MW-2

Prep Type: Total Recoverable

Prep Batch: 93007

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	ND		100	95.06		ug/L		95	75 - 125	1	20
Arsenic	ND		100	102.3		ug/L		102	75 - 125	4	20
Barium	444		100	530.1	4	ug/L		86	75 - 125	0	20
Beryllium	ND		100	110.3		ug/L		110	75 - 125	1	20
Cadmium	ND		100	96.83		ug/L		97	75 - 125	1	20
Chromium	ND		100	102.2		ug/L		102	75 - 125	1	20
Cobalt	ND		100	104.8		ug/L		105	75 - 125	1	20
Copper	ND		100	106.9		ug/L		107	75 - 125	1	20
Lead	ND		100	105.2		ug/L		105	75 - 125	1	20
Manganese	459		100	565.7	4	ug/L		107	75 - 125	1	20

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QC Sample Results

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

Job ID: 752-38796-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-38796-1 MSD

Matrix: Water

Analysis Batch: 94317

Client Sample ID: 825-MW-2

Prep Type: Total Recoverable

Prep Batch: 93007

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	ND		100	99.66		ug/L		100	75 - 125	2	20
Selenium	ND		100	103.2		ug/L		103	75 - 125	1	20
Silver	0.282	J B	10.0	11.07		ug/L		108	75 - 125	2	20
Thallium	ND		100	107.4		ug/L		107	75 - 125	1	20
Vanadium	ND		100	102.8		ug/L		103	75 - 125	0	20
Zinc	ND		100	103.7		ug/L		104	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-93931/1-A

Matrix: Water

Analysis Batch: 94212

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 93931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 16:26	1

Lab Sample ID: LCS 705-93931/2-A

Matrix: Water

Analysis Batch: 94212

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 93931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.861		ug/L		97	80 - 120

Lab Sample ID: MB 705-94239/1-A

Matrix: Water

Analysis Batch: 94547

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/11/25 11:25	11/11/25 15:23	1

Lab Sample ID: LCS 705-94239/2-A

Matrix: Water

Analysis Batch: 94547

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.662		ug/L		92	80 - 120

Lab Sample ID: 752-38796-1 MS

Matrix: Water

Analysis Batch: 94547

Client Sample ID: 825-MW-2

Prep Type: Total/NA

Prep Batch: 94239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	F1 F2	4.00	3.805		ug/L		95	75 - 125

Lab Sample ID: 752-38796-1 MSD

Matrix: Water

Analysis Batch: 94547

Client Sample ID: 825-MW-2

Prep Type: Total/NA

Prep Batch: 94239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	F1 F2	4.00	5.047	F1 F2	ug/L		126	75 - 125	28	20

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QC Sample Results

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

Job ID: 752-38796-1

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

Lab Sample ID: MB 680-886996/13

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/04/25 15:40	1

Lab Sample ID: MB 680-886996/39

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/04/25 16:50	1

Lab Sample ID: LCS 680-886996/14

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.002		mg/L		100	90 - 110

Lab Sample ID: LCS 680-886996/40

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.016		mg/L		102	90 - 110

Lab Sample ID: 752-38796-6 MS

Matrix: Water

Analysis Batch: 886996

Client Sample ID: 825-MW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	ND		1.00	1.028		mg/L		103	90 - 110

Lab Sample ID: 752-38796-6 MSD

Matrix: Water

Analysis Batch: 886996

Client Sample ID: 825-MW-8

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	ND		1.00	1.053		mg/L		105	90 - 110	2	30

Lab Sample ID: 752-38796-8 MS

Matrix: Water

Analysis Batch: 886996

Client Sample ID: 825-MW-Dup

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.171	J F1	1.00	1.039	F1	mg/L		87	90 - 110

Lab Sample ID: 752-38796-8 MSD

Matrix: Water

Analysis Batch: 886996

Client Sample ID: 825-MW-Dup

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	0.171	J F1	1.00	1.031	F1	mg/L		86	90 - 110	1	30

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QC Sample Results

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

Job ID: 752-38796-1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887030/14

Matrix: Water

Analysis Batch: 887030

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/05/25 11:21	1

Lab Sample ID: MB 680-887030/41

Matrix: Water

Analysis Batch: 887030

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/05/25 12:15	1

Lab Sample ID: LCS 680-887030/15

Matrix: Water

Analysis Batch: 887030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	1.033		mg/L		103	90 - 110

Lab Sample ID: LCS 680-887030/42

Matrix: Water

Analysis Batch: 887030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	1.082		mg/L		108	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-729791/50

Matrix: Water

Analysis Batch: 729791

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/07/25 12:31	1

Lab Sample ID: LCS 400-729791/53

Matrix: Water

Analysis Batch: 729791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	16.17		mg/L		108	90 - 110

Lab Sample ID: MRL 400-729791/52

Matrix: Water

Analysis Batch: 729791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.421	J	mg/L		88	50 - 150

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QC Sample Results

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

Job ID: 752-38796-1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: 752-38796-1 MS

Matrix: Water

Analysis Batch: 729791

Client Sample ID: 825-MW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	7.11	F2	10.0	18.75		mg/L		116	77 - 128

Lab Sample ID: 752-38796-1 MSD

Matrix: Water

Analysis Batch: 729791

Client Sample ID: 825-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
Sulfate	7.11	F2	10.0	16.09	F2	mg/L		90	77 - 128	15	5

QC Association Summary

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

Job ID: 752-38796-1

GC/MS VOA

Analysis Batch: 729595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	8260D	
752-38796-3	825-MW-4	Total/NA	Water	8260D	
752-38796-4	825-MW-6	Total/NA	Water	8260D	
752-38796-6	825-MW-8	Total/NA	Water	8260D	
752-38796-7	825-MW-9	Total/NA	Water	8260D	
MB 400-729595/5	Method Blank	Total/NA	Water	8260D	
LCS 400-729595/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 729745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	8260D	
752-38796-2	825-MW-3	Total/NA	Water	8260D	
752-38796-5	825-MW-7	Total/NA	Water	8260D	
752-38796-8	825-MW-Dup	Total/NA	Water	8260D	
752-38796-9	Trip Blank	Total/NA	Water	8260D	
MB 400-729745/5	Method Blank	Total/NA	Water	8260D	
LCS 400-729745/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	3511	
752-38796-2	825-MW-3	Total/NA	Water	3511	
752-38796-3	825-MW-4	Total/NA	Water	3511	
752-38796-4	825-MW-6	Total/NA	Water	3511	
752-38796-5	825-MW-7	Total/NA	Water	3511	
752-38796-6	825-MW-8	Total/NA	Water	3511	
752-38796-7	825-MW-9	Total/NA	Water	3511	
752-38796-8	825-MW-Dup	Total/NA	Water	3511	
MB 400-729456/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729456/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-729456/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 729500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	3510C	
752-38796-2	825-MW-3	Total/NA	Water	3510C	
752-38796-3	825-MW-4	Total/NA	Water	3510C	
752-38796-4	825-MW-6	Total/NA	Water	3510C	
752-38796-5	825-MW-7	Total/NA	Water	3510C	
752-38796-6	825-MW-8	Total/NA	Water	3510C	
752-38796-7	825-MW-9	Total/NA	Water	3510C	
752-38796-8	825-MW-Dup	Total/NA	Water	3510C	
MB 400-729500/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729500/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729500/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 729583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	8270E	729456

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QC Association Summary

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

Job ID: 752-38796-1

GC/MS Semi VOA (Continued)

Analysis Batch: 729583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-2	825-MW-3	Total/NA	Water	8270E	729456
752-38796-3	825-MW-4	Total/NA	Water	8270E	729456
752-38796-4	825-MW-6	Total/NA	Water	8270E	729456
752-38796-5	825-MW-7	Total/NA	Water	8270E	729456
752-38796-6	825-MW-8	Total/NA	Water	8270E	729456
752-38796-7	825-MW-9	Total/NA	Water	8270E	729456
752-38796-8	825-MW-Dup	Total/NA	Water	8270E	729456
MB 400-729456/1-A	Method Blank	Total/NA	Water	8270E	729456
LCS 400-729456/2-A	Lab Control Sample	Total/NA	Water	8270E	729456
LCSD 400-729456/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	729456

Analysis Batch: 729647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	8270E SIM ID	729500
752-38796-2	825-MW-3	Total/NA	Water	8270E SIM ID	729500
752-38796-3	825-MW-4	Total/NA	Water	8270E SIM ID	729500
752-38796-4	825-MW-6	Total/NA	Water	8270E SIM ID	729500
752-38796-5	825-MW-7	Total/NA	Water	8270E SIM ID	729500
752-38796-6	825-MW-8	Total/NA	Water	8270E SIM ID	729500
752-38796-7	825-MW-9	Total/NA	Water	8270E SIM ID	729500
752-38796-8	825-MW-Dup	Total/NA	Water	8270E SIM ID	729500
MB 400-729500/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729500
LCS 400-729500/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729500
LCSD 400-729500/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729500

Metals

Prep Batch: 93007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total Recoverable	Water	3005A	
752-38796-2	825-MW-3	Total Recoverable	Water	3005A	
752-38796-3	825-MW-4	Total Recoverable	Water	3005A	
752-38796-4	825-MW-6	Total Recoverable	Water	3005A	
752-38796-5	825-MW-7	Total Recoverable	Water	3005A	
752-38796-6	825-MW-8	Total Recoverable	Water	3005A	
752-38796-7	825-MW-9	Total Recoverable	Water	3005A	
752-38796-8	825-MW-Dup	Total Recoverable	Water	3005A	
MB 705-93007/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-93007/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-38796-1 MS	825-MW-2	Total Recoverable	Water	3005A	
752-38796-1 MSD	825-MW-2	Total Recoverable	Water	3005A	

Prep Batch: 93931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-2	825-MW-3	Total/NA	Water	7470A	
752-38796-3	825-MW-4	Total/NA	Water	7470A	
752-38796-4	825-MW-6	Total/NA	Water	7470A	
MB 705-93931/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-93931/2-A	Lab Control Sample	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 752-38796-1

Metals

Analysis Batch: 94212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-2	825-MW-3	Total/NA	Water	7470A	93931
752-38796-3	825-MW-4	Total/NA	Water	7470A	93931
752-38796-4	825-MW-6	Total/NA	Water	7470A	93931
MB 705-93931/1-A	Method Blank	Total/NA	Water	7470A	93931
LCS 705-93931/2-A	Lab Control Sample	Total/NA	Water	7470A	93931

Prep Batch: 94239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	7470A	
752-38796-5	825-MW-7	Total/NA	Water	7470A	
752-38796-6	825-MW-8	Total/NA	Water	7470A	
752-38796-7	825-MW-9	Total/NA	Water	7470A	
752-38796-8	825-MW-Dup	Total/NA	Water	7470A	
MB 705-94239/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-94239/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-38796-1 MS	825-MW-2	Total/NA	Water	7470A	
752-38796-1 MSD	825-MW-2	Total/NA	Water	7470A	

Analysis Batch: 94317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total Recoverable	Water	6020B	93007
752-38796-2	825-MW-3	Total Recoverable	Water	6020B	93007
752-38796-3	825-MW-4	Total Recoverable	Water	6020B	93007
752-38796-4	825-MW-6	Total Recoverable	Water	6020B	93007
752-38796-5	825-MW-7	Total Recoverable	Water	6020B	93007
752-38796-6	825-MW-8	Total Recoverable	Water	6020B	93007
752-38796-7	825-MW-9	Total Recoverable	Water	6020B	93007
752-38796-8	825-MW-Dup	Total Recoverable	Water	6020B	93007
MB 705-93007/1-A	Method Blank	Total Recoverable	Water	6020B	93007
LCS 705-93007/2-A	Lab Control Sample	Total Recoverable	Water	6020B	93007
752-38796-1 MS	825-MW-2	Total Recoverable	Water	6020B	93007
752-38796-1 MSD	825-MW-2	Total Recoverable	Water	6020B	93007

Analysis Batch: 94547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	7470A	94239
752-38796-5	825-MW-7	Total/NA	Water	7470A	94239
752-38796-6	825-MW-8	Total/NA	Water	7470A	94239
752-38796-7	825-MW-9	Total/NA	Water	7470A	94239
752-38796-8	825-MW-Dup	Total/NA	Water	7470A	94239
MB 705-94239/1-A	Method Blank	Total/NA	Water	7470A	94239
LCS 705-94239/2-A	Lab Control Sample	Total/NA	Water	7470A	94239
752-38796-1 MS	825-MW-2	Total/NA	Water	7470A	94239
752-38796-1 MSD	825-MW-2	Total/NA	Water	7470A	94239

Analysis Batch: 95553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-5	825-MW-7	Total Recoverable	Water	6020B	93007

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QC Association Summary

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

Job ID: 752-38796-1

General Chemistry

Analysis Batch: 729791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	SM 4500 SO4 E	
752-38796-2	825-MW-3	Total/NA	Water	SM 4500 SO4 E	
752-38796-3	825-MW-4	Total/NA	Water	SM 4500 SO4 E	
752-38796-4	825-MW-6	Total/NA	Water	SM 4500 SO4 E	
752-38796-5	825-MW-7	Total/NA	Water	SM 4500 SO4 E	
752-38796-6	825-MW-8	Total/NA	Water	SM 4500 SO4 E	
752-38796-7	825-MW-9	Total/NA	Water	SM 4500 SO4 E	
752-38796-8	825-MW-Dup	Total/NA	Water	SM 4500 SO4 E	
MB 400-729791/50	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-729791/53	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-729791/52	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-38796-1 MS	825-MW-2	Total/NA	Water	SM 4500 SO4 E	
752-38796-1 MSD	825-MW-2	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 886995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	Nitrate by calc	
752-38796-2	825-MW-3	Total/NA	Water	Nitrate by calc	
752-38796-3	825-MW-4	Total/NA	Water	Nitrate by calc	
752-38796-4	825-MW-6	Total/NA	Water	Nitrate by calc	
752-38796-5	825-MW-7	Total/NA	Water	Nitrate by calc	
752-38796-6	825-MW-8	Total/NA	Water	Nitrate by calc	
752-38796-7	825-MW-9	Total/NA	Water	Nitrate by calc	
752-38796-8	825-MW-Dup	Total/NA	Water	Nitrate by calc	

Analysis Batch: 886996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	350.1-1993 R2.0	
752-38796-2	825-MW-3	Total/NA	Water	350.1-1993 R2.0	
752-38796-3	825-MW-4	Total/NA	Water	350.1-1993 R2.0	
752-38796-4	825-MW-6	Total/NA	Water	350.1-1993 R2.0	
752-38796-5	825-MW-7	Total/NA	Water	350.1-1993 R2.0	
752-38796-6	825-MW-8	Total/NA	Water	350.1-1993 R2.0	
752-38796-7	825-MW-9	Total/NA	Water	350.1-1993 R2.0	
752-38796-8	825-MW-Dup	Total/NA	Water	350.1-1993 R2.0	
MB 680-886996/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-886996/39	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-886996/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-886996/40	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
752-38796-6 MS	825-MW-8	Total/NA	Water	350.1-1993 R2.0	
752-38796-6 MSD	825-MW-8	Total/NA	Water	350.1-1993 R2.0	
752-38796-8 MS	825-MW-Dup	Total/NA	Water	350.1-1993 R2.0	
752-38796-8 MSD	825-MW-Dup	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-1	825-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-38796-2	825-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-38796-3	825-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-38796-4	825-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-38796-5	825-MW-7	Total/NA	Water	353.2-1993 R2.0	

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QC Association Summary

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

Job ID: 752-38796-1

General Chemistry (Continued)

Analysis Batch: 887030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38796-6	825-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-38796-7	825-MW-9	Total/NA	Water	353.2-1993 R2.0	
752-38796-8	825-MW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-887030/14	Method Blank	Total/NA	Water	353.2-1993 R2.0	
MB 680-887030/41	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887030/15	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887030/42	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-2

Lab Sample ID: 752-38796-1

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 20:17
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 22:42
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 15:38
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 18:06
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 02:52
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 15:31
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:07
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:00
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 14:00

Client Sample ID: 825-MW-3

Lab Sample ID: 752-38796-2

Date Collected: 10/31/25 14:10

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 23:09
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 16:11
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 18:28
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:03
Total/NA	Prep	7470A			93931	GR	EET ATL	11/10/25 12:56
Total/NA	Analysis	7470A		1	94212	GR	EET ATL	11/10/25 18:23
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:10
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:02
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		5	729791	CJK	EET PEN	11/07/25 14:47

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 21:07
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 16:45
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 18:49

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-4

Lab Sample ID: 752-38796-3

Date Collected: 10/31/25 15:20

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:06
Total/NA	Prep	7470A			93931	GR	EET ATL	11/10/25 12:56
Total/NA	Analysis	7470A		1	94212	GR	EET ATL	11/10/25 18:39
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:18
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:04
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		5	729791	CJK	EET PEN	11/07/25 14:48

Client Sample ID: 825-MW-6

Lab Sample ID: 752-38796-4

Date Collected: 10/31/25 12:10

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 21:32
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 17:18
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 19:11
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:09
Total/NA	Prep	7470A			93931	GR	EET ATL	11/10/25 12:56
Total/NA	Analysis	7470A		1	94212	GR	EET ATL	11/10/25 18:43
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:20
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:06
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:49

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Date Collected: 10/31/25 12:35

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/07/25 23:36
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 17:51
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 22:24
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		5	95553	TT	EET ATL	11/15/25 17:02
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:32
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 15:54

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-7

Lab Sample ID: 752-38796-5

Date Collected: 10/31/25 12:35

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:23
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:08
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		5	729791	CJK	EET PEN	11/07/25 14:48

Client Sample ID: 825-MW-8

Lab Sample ID: 752-38796-6

Date Collected: 10/31/25 11:05

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 22:22
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 18:24
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 22:45
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:38
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 15:58
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:26
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:10
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:50

Client Sample ID: 825-MW-9

Lab Sample ID: 752-38796-7

Date Collected: 10/31/25 10:50

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 22:46
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 18:56
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 20:15
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:40
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:02
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 17:03
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:19
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		1	729791	CJK	EET PEN	11/07/25 12:51

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38796-1

Client Sample ID: 825-MW-Dup

Lab Sample ID: 752-38796-8

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/08/25 00:56
Total/NA	Prep	3511			729456	RAW	EET PEN	11/05/25 11:18
Total/NA	Analysis	8270E		1	729583	VC1	EET PEN	11/06/25 19:28
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 20:36
Total Recoverable	Prep	3005A			93007	SA	EET ATL	11/05/25 09:04
Total Recoverable	Analysis	6020B		1	94317	IF	EET ATL	11/11/25 03:43
Total/NA	Prep	7470A			94239	GR	EET ATL	11/11/25 11:25
Total/NA	Analysis	7470A		1	94547	GR	EET ATL	11/11/25 16:06
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 17:08
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:21
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28
Total/NA	Analysis	SM 4500 SO4 E		5	729791	CJK	EET PEN	11/07/25 14:49

Client Sample ID: Trip Blank

Lab Sample ID: 752-38796-9

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 11/03/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/08/25 01:23

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
Project/Site: Northgate Park

Job ID: 752-38796-1

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

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

Job ID: 752-38796-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 752-38796-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38796-1	825-MW-2	Water	10/31/25 15:20	11/03/25 14:15	North Carolina
752-38796-2	825-MW-3	Water	10/31/25 14:10	11/03/25 14:15	North Carolina
752-38796-3	825-MW-4	Water	10/31/25 15:20	11/03/25 14:15	North Carolina
752-38796-4	825-MW-6	Water	10/31/25 12:10	11/03/25 14:15	North Carolina
752-38796-5	825-MW-7	Water	10/31/25 12:35	11/03/25 14:15	North Carolina
752-38796-6	825-MW-8	Water	10/31/25 11:05	11/03/25 14:15	North Carolina
752-38796-7	825-MW-9	Water	10/31/25 10:50	11/03/25 14:15	North Carolina
752-38796-8	825-MW-Dup	Water	10/31/25 00:00	11/03/25 14:15	North Carolina
752-38796-9	Trip Blank	Water	10/31/25 00:00	11/03/25 14:15	North Carolina

Eurofins Pensacola

3355 McLemore Drive

Pensacola, FL 32514

Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

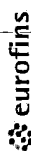


Environment Testing

Client Information		Sampler: <u>Brandon Gurnea</u>		Lab PM: Bechtold, Chad		Carrier Tracking No(s):		COC No: 680-167643-59298.1							
Client Contact: Jerry Paul		Phone:		E-Mail: Chad.Bechtold@et.eurofinsus.com		State of Origin: <u>NC</u>		Page: <u>1 of 1</u>							
Company: S&ME Inc		PWSID:		Analysis Requested											
Address: 3201 Spring Forest Road		Due Date Requested:		Field Filtered Sample (Yes or No) 8065A_ORGFM_28D - Sulfate; 353.2 - Nitrite (48 hour HT) 350.1 - Ammonia as N; 353.2 - NOx, Nitrate, Calc 6020B - PRLF 16 Metals, including prep: 7470A - Mercury 8260D - VOC NC 02L List 8270E_SIM_MS_ID - 1,4-Dioxane 8270E_OOQ - SVOC TCL OLM4.2 SIM4500_S04_E Sulfate  752-38796 COC											
City: Raleigh		TAT Requested (days): <u>Standard</u>													
State, Zip: NC, 27616		Compliance Project: ☐ Yes ☐ No													
Phone: 919-872-2660(Tel) 919-876-3958(Fax)		PO #: 23050630, Phase Z													
Email: jipaul@smeinc.com		WO #:													
Project Name: Northgate Park		Project #: 68026680		Preservation Codes: N - None S - H2SO4 D - HNO3 A - HCL											
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)				Total Number of containers				Special Instructions/Note:	
						Preservation Code: ☒ N ☒ S ☒ D ☒ A ☒ N ☒ Z									
825 - MW-2		10/31/25	1520	G	W	N	N	X	X	X	X	X	X		
825 - MW-3			1410												
825 - MW-4			1520												
825 - MW-6			1210												
825 - MW-7		12	135												48 hr.
825 - MW-8			1105												
825 - MW-9			1050												
825 - MW-DUP															HOLD
Trip Blank															
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:									
Relinquished by: <u>[Signature]</u>		Date/Time: <u>11/3/25 1315</u>		Company: <u>S&ME</u>		Received by: <u>DW</u>		Date/Time: <u>11-3-25- 14:15</u>		Company:					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:					
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Initial Temperature: <u>2.3</u> °C Correction Factor: <u>-0.4</u> °C Corrected Temperature: <u>1.9</u> °C Temp IR Gun: CRY-T-132 Initials: RY BR PG DW DO HH											

104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)			Lab PM	Carrier Tracking No(s)	COC No:								
Client Contact: Chad Bechtold Shipping/Receiving			Bechtold, Chad	N/A	752-7128.1								
Company: Eurofins Environment Testing Southeast L			E-Mail: Chad Bechtold@et.eurofins.com	State of Origin: North Carolina	Page: Page 1 of 1								
Address: 33355 McLemore Drive, City: State: Zip:			Accreditations Required (See note): State - North Carolina (WW/SW)										
Phone: 850-474-1001(Tel) 850-478-2671(Fax)			Job #: 752-38796-1										
Email: N/A			Preservation Codes:										
Project Name: Northgate Park			Analysis Requested										
Site: N/A			Special Instructions/Note:										
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Sealed, Overstool, BTA-Tissue, Anal)	Preservation Code	Field/Refrigeration (Ground)	Patrol/MS/MSD (Lab/Field)	8260/5030CVOG NC 02L List	8270E QQQ/3514(MOD) SVOC TCL OL4 2	8270E SIM_ID_P5/3510C_LVH14 Dioxane	9056A ORGM_2BDSulfate	SM4500_SO4_E	Other
8225-MW-2 (752-38796-1)	10/31/25	15:20 Eastern	G	Water				X	X	X	X	X	N/A
8225-MW-3 (752-38796-2)	10/31/25	14:10 Eastern	G	Water				X	X	X	X	X	
8225-MW-4 (752-38796-3)	10/31/25	15:20 Eastern	G	Water				X	X	X	X	X	
8225-MW-5 (752-38796-4)	10/31/25	12:10 Eastern	G	Water				X	X	X	X	X	
8225-MW-6 (752-38796-5)	10/31/25	12:35 Eastern	G	Water				X	X	X	X	X	
8225-MW-7 (752-38796-6)	10/31/25	11:05 Eastern	G	Water				X	X	X	X	X	
8225-MW-8 (752-38796-7)	10/31/25	10:50 Eastern	G	Water				X	X	X	X	X	
8225-MW-9 (752-38796-8)	10/31/25	10:50 Eastern	G	Water				X	X	X	X	X	
Trip Blank (752-38796-9)	10/31/25	10:50 Eastern	G	Water				X					
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.													
Possible Hazard Identification													
Unconfirmed													
Deliverable Requested 1, II, III, IV, Other (specify)													
Primary Deliverable Rank: 2													
Date:													
Empty Kit Relinquished by:													
Relinquished by:													
Relinquished by:													
Relinquished by:													
Custody Seal Intact:													
A Yes A No													
Custody Seal No													

ORIGIN 101-300A (919) 467-3000
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT

SHIP DATE: 03NOV25
ACTNGT: 20.00 LB MAN
CAD: 0923009/CAFE3953

CARY, NC 27511
UNITED STATES US

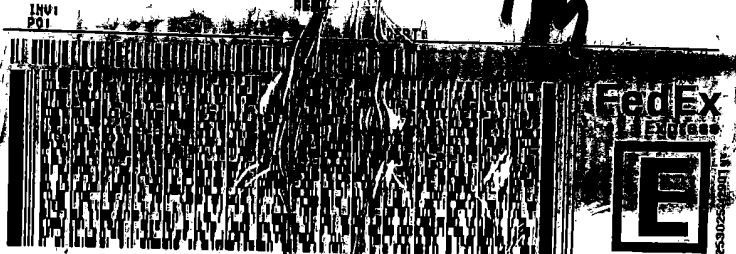
BILL SENDER

Part# 159493-34 RROB EXP 08/26

TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

a.c.c
IRH
TM



4 of 4
MP# 4873 8904 213
Met# 4873 8904 2105

TUE - 04 NOV 10:30A
PRIORITY OVERNIGHT

XS PNSA

32514
FL-US BFM



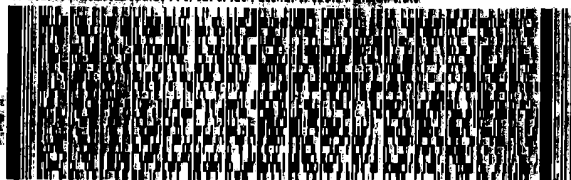
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CAD: 0823009/CAFE3953

BILL SENDER

PENSACOLA FL 325147045

REF

DEPT

**FedEx**
Express

1 of 4

TRKA
0201

TRK# 4873 8904 2105
0201

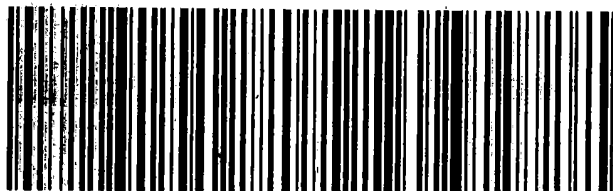
MASTER

TUE - 04 NOV 10:30A
PRIORITY OVERNIGHT

XS PNSA

32514

FL-US BFM



ORIGIN ID: 1608
LAUREN BROUSSEAU
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US

SHIP DATE: 03NOV25
ACTING: 20.00 LB MAN
0023008/CAFE3953
BILL SEND

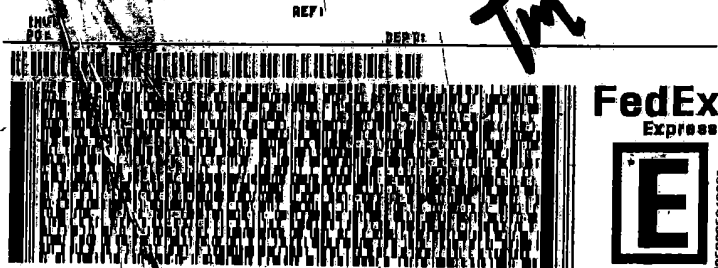
Part 158

RRDB EXP 08/26

TO EUROFINS-PENSACOLA
EUROFINS-PENSACOLA
3355 MCLEMORE DR

PENSACOLA FL 325147045

*0.22
In 1211*



2 of 1
MP# 4873 8904 2116
Met# 4873 8904 2105

TUE - 04 NOV 10:30A
PRIORITY OVERNIGHT

0201

XS PNSA

32514
FL-US BFM



*0.00
1.18
ms*

104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Bechtold, Chad		Carrier Tracking No(s): N/A		COC No: 752-7129.1	
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Chad.Bechtold@et.eurofinsus.com		State of Origin: North Carolina		Page: Page 1 of 1	
Company: Eurofins Environment Testing Southeast L				Accreditations Required (See note): State - North Carolina (WW/SW)				Job #: 752-38796-1	
Address: 5102 LaRoche Avenue,		Due Date Requested: 11/11/2025		Analysis Requested				Preservation Codes:	
City: Savannah		TAT Requested (days): N/A							
State, Zip: GA, 31404		PO #: N/A		Field Filtered Sample (Yes or No)				Total Number of Containers	
Phone: 912-354-7858(Tel) 912-352-0165(Fax)		WO #: N/A							
Email: N/A		Project #: 68026680		Perform MS/MSD (Yes or No)				Other: N/A	
Project Name: Northgate Park		SSOW#: N/A							
Site: N/A				353.2_Pres Nitrate+Nitrite				Nitrate_Calc/Nitrate	
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=water/solid, ST=Soil, A=Air)	
						Preservation Code:			
825-MW-2 (752-38796-1)		10/31/25		15:20 Eastern		G		Water	
825-MW-3 (752-38796-2)		10/31/25		14:10 Eastern		G		Water	
825-MW-4 (752-38796-3)		10/31/25		15:20 Eastern		G		Water	
825-MW-6 (752-38796-4)		10/31/25		12:10 Eastern		G		Water	
825-MW-7 (752-38796-5)		10/31/25		12:35 Eastern		G		Water	
825-MW-8 (752-38796-6)		10/31/25		11:05 Eastern		G		Water	
825-MW-9 (752-38796-7)		10/31/25		10:50 Eastern		G		Water	
825-MW-Dup (752-38796-8)		10/31/25		Eastern		G		Water	
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)					Special Instructions/QC Requirements:				
Empty Kit Relinquished by:					Date:				
Relinquished by: Rachel Yonish					Time:				
Relinquished by:					Received by:				
Relinquished by:					Received by:				
Relinquished by:					Received by:				
Custody Seals Intact: ☐ Yes ☐ 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: 752-7126.1			
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Chad.Bechtold@et.eurofinsus.com		State of Origin: North Carolina		Page: Page 1 of 1			
Company: Eurofins Environment Testing Southeast L				Accreditations Required (See note): State - North Carolina (WW/SW)				Job #: 752-38796-1			
Address: 3080 Presidential Dr,		Due Date Requested: 11/11/2025		Analysis Requested				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/soil, 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	Total Number of containers	Special Instructions/Note:
825-MW-2 (752-38796-1)		10/31/25	15:20 Eastern	G	Water		X	X			1
825-MW-3 (752-38796-2)		10/31/25	14:10 Eastern	G	Water		X	X			1
825-MW-4 (752-38796-3)		10/31/25	15:20 Eastern	G	Water		X	X			1
825-MW-6 (752-38796-4)		10/31/25	12:10 Eastern	G	Water		X	X			1
825-MW-7 (752-38796-5)		10/31/25	12:35 Eastern	G	Water		X	X			1
825-MW-8 (752-38796-6)		10/31/25	11:05 Eastern	G	Water		X	X			1
825-MW-9 (752-38796-7)		10/31/25	10:50 Eastern	G	Water		X	X			1
825-MW-Dup (752-38796-8)		10/31/25	Eastern	G	Water		X	X			1
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2		Special Instructions/QC Requirements:					
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:			
Relinquished by: Rachel Yonish				Date/Time: 11/3/25 1530		Company:		Received by: Tgh		Date/Time: 11/04/25 1005	
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks: .8 #2892927					

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38796-1

Login Number: 38796

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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: 752-38796-1

Login Number: 38796

List Number: 3

Creator: Taylor, Renee

List Source: Eurofins Atlanta

List Creation: 11/04/25 12:46 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: 752-38796-1

Login Number: 38796

List Number: 4

Creator: Bankston, Victoria K

List Source: Eurofins Pensacola

List Creation: 11/05/25 09:14 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8°C, 0.2°C IR11, 2.4°C, 0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 752-38796-1

Login Number: 38796

List Number: 2

Creator: Lincoln, Alyssa

List Source: Eurofins Savannah

List Creation: 11/04/25 08:06 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616
Generated 11/20/2025 8:00:29 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-38991-1

Eurofins Raleigh

Job Notes

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

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

Authorization



Generated
11/20/2025 8:00:29 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
Project/Site: Northgate Park

Job ID: 752-38991-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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

Case Narrative

Client: S&ME Inc
Project: Northgate Park

Job ID: 752-38991-1

Job ID: 752-38991-1

Eurofins Raleigh

Job Narrative 752-38991-1

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

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

Receipt

The samples were received on 11/6/2025 4:52 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-730541 recovered outside control limits for the following analytes: Acetone, Bromomethane and Chloromethane. 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

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729868 and analytical batch 400-730060 recovered outside control limits for the following analyte: 2-Nitrophenol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

Metals

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

General Chemistry

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

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38991-1

Client Sample ID: 825-MW-5

Lab Sample ID: 752-38991-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Caprolactam	12.6		9.77	2.35	ug/L	1			8270E	Total/NA
Arsenic	3.78	J	4.00	0.390	ug/L	1			6020B	Total Recoverable
Chromium	63.5		2.00	0.388	ug/L	1			6020B	Total Recoverable
Copper	26.8		2.00	0.643	ug/L	1			6020B	Total Recoverable
Cobalt	29.3		2.00	0.102	ug/L	1			6020B	Total Recoverable
Barium	387		4.00	0.368	ug/L	1			6020B	Total Recoverable
Beryllium	1.70		1.00	0.320	ug/L	1			6020B	Total Recoverable
Manganese	4660		10.0	9.87	ug/L	10			6020B	Total Recoverable
Nickel	30.5		4.00	0.915	ug/L	1			6020B	Total Recoverable
Lead	16.9		2.00	0.243	ug/L	1			6020B	Total Recoverable
Selenium	4.52		4.00	0.483	ug/L	1			6020B	Total Recoverable
Vanadium	77.3		2.00	0.486	ug/L	1			6020B	Total Recoverable
Zinc	70.2		4.00	1.29	ug/L	1			6020B	Total Recoverable
Ammonia	0.229	J	0.250	0.100	mg/L	1			350.1-1993 R2.0	Total/NA
Nitrate Nitrite as N	0.0800	J	0.100	0.0100	mg/L	1			353.2-1993 R2.0	Total/NA
Nitrate as N	0.0800	J	0.100	0.0100	mg/L	1			Nitrate by calc	Total/NA
Sulfate	13.5		5.00	1.40	mg/L	1			SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-38991-2

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 752-38991-1

Client Sample ID: 825-MW-5

Lab Sample ID: 752-38991-1

Date Collected: 11/05/25 12:50

Matrix: Water

Date Received: 11/06/25 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 16:38	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 16:38	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 16:38	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 16:38	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 16:38	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 16:38	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 16:38	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 16:38	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 16:38	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 16:38	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 16:38	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 16:38	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 16:38	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 16:38	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 16:38	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 16:38	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 16:38	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 16:38	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 16:38	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 16:38	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 16:38	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 16:38	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 16:38	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 16:38	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 16:38	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 16:38	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 16:38	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 16:38	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 16:38	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 16:38	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 16:38	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 16:38	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 16:38	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 16:38	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 16:38	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 16:38	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 16:38	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 16:38	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 16:38	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 16:38	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 16:38	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 16:38	1

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Client Sample Results

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

Job ID: 752-38991-1

Client Sample ID: 825-MW-5

Lab Sample ID: 752-38991-1

Date Collected: 11/05/25 12:50

Matrix: Water

Date Received: 11/06/25 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 16:38	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 16:38	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 16:38	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 16:38	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 16:38	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 16:38	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 16:38	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 16:38	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 16:38	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 16:38	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 16:38	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 16:38	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 16:38	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 16:38	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 16:38	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 16:38	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 16:38	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 16:38	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 16:38	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 16:38	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 16:38	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		56 - 136		11/14/25 16:38	1
Dibromofluoromethane	112		79 - 130		11/14/25 16:38	1
1,2-Dichloroethane-d4 (Surr)	128		59 - 146		11/14/25 16:38	1
Toluene-d8 (Surr)	99		64 - 132		11/14/25 16:38	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		0.301	0.301	ug/L		11/12/25 13:01	11/14/25 11:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	27		10 - 140				11/12/25 13:01	11/14/25 11:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.77	0.410	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,4,5-Trichlorophenol	ND		9.77	0.528	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,4,6-Trichlorophenol	ND		9.77	1.07	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,4-Dichlorophenol	ND		9.77	0.557	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,4-Dimethylphenol	ND		9.77	0.235	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,4-Dinitrophenol	ND		29.3	4.57	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,4-Dinitrotoluene	ND		9.77	0.635	ug/L		11/09/25 14:00	11/11/25 17:47	1
2,6-Dinitrotoluene	ND		9.77	0.283	ug/L		11/09/25 14:00	11/11/25 17:47	1
2-Chloronaphthalene	ND		9.77	0.371	ug/L		11/09/25 14:00	11/11/25 17:47	1
2-Chlorophenol	ND		9.77	0.821	ug/L		11/09/25 14:00	11/11/25 17:47	1
2-Methylnaphthalene	ND		9.77	0.792	ug/L		11/09/25 14:00	11/11/25 17:47	1

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Client Sample Results

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

Job ID: 752-38991-1

Client Sample ID: 825-MW-5

Lab Sample ID: 752-38991-1

Date Collected: 11/05/25 12:50

Matrix: Water

Date Received: 11/06/25 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		9.77	0.743	ug/L		11/09/25 14:00	11/11/25 17:47	1
2-Nitroaniline	ND		9.77	1.34	ug/L		11/09/25 14:00	11/11/25 17:47	1
2-Nitrophenol	ND	+	9.77	1.14	ug/L		11/09/25 14:00	11/11/25 17:47	1
3 & 4 Methylphenol	ND		19.5	4.50	ug/L		11/09/25 14:00	11/11/25 17:47	1
3,3'-Dichlorobenzidine	ND		10.7	0.401	ug/L		11/09/25 14:00	11/11/25 17:47	1
3-Nitroaniline	ND		9.77	0.928	ug/L		11/09/25 14:00	11/11/25 17:47	1
4,6-Dinitro-2-methylphenol	ND		9.77	1.93	ug/L		11/09/25 14:00	11/11/25 17:47	1
4-Bromophenyl phenyl ether	ND		9.77	0.127	ug/L		11/09/25 14:00	11/11/25 17:47	1
4-Chloro-3-methylphenol	ND		9.77	0.713	ug/L		11/09/25 14:00	11/11/25 17:47	1
4-Chloroaniline	ND		9.77	0.567	ug/L		11/09/25 14:00	11/11/25 17:47	1
4-Chlorophenyl phenyl ether	ND		9.77	0.235	ug/L		11/09/25 14:00	11/11/25 17:47	1
4-Nitroaniline	ND		9.77	3.42	ug/L		11/09/25 14:00	11/11/25 17:47	1
4-Nitrophenol	ND		9.77	2.68	ug/L		11/09/25 14:00	11/11/25 17:47	1
Acenaphthene	ND		9.77	0.616	ug/L		11/09/25 14:00	11/11/25 17:47	1
Acenaphthylene	ND		9.77	0.743	ug/L		11/09/25 14:00	11/11/25 17:47	1
Acetophenone	ND		9.77	3.13	ug/L		11/09/25 14:00	11/11/25 17:47	1
Anthracene	ND		9.77	0.889	ug/L		11/09/25 14:00	11/11/25 17:47	1
Atrazine	ND		9.77	1.10	ug/L		11/09/25 14:00	11/11/25 17:47	1
Benzaldehyde	ND		9.77	0.655	ug/L		11/09/25 14:00	11/11/25 17:47	1
Benzo[a]anthracene	ND		9.77	0.977	ug/L		11/09/25 14:00	11/11/25 17:47	1
Benzo[a]pyrene	ND		9.77	1.07	ug/L		11/09/25 14:00	11/11/25 17:47	1
Benzo[b]fluoranthene	ND		9.77	1.17	ug/L		11/09/25 14:00	11/11/25 17:47	1
Benzo[g,h,i]perylene	ND		9.77	1.47	ug/L		11/09/25 14:00	11/11/25 17:47	1
Benzo[k]fluoranthene	ND		9.77	1.47	ug/L		11/09/25 14:00	11/11/25 17:47	1
bis (2-chloroisopropyl) ether	ND		9.77	0.909	ug/L		11/09/25 14:00	11/11/25 17:47	1
Bis(2-chloroethoxy)methane	ND		9.77	0.332	ug/L		11/09/25 14:00	11/11/25 17:47	1
Bis(2-chloroethyl)ether	ND		9.77	0.713	ug/L		11/09/25 14:00	11/11/25 17:47	1
Bis(2-ethylhexyl) phthalate	ND		9.77	3.91	ug/L		11/09/25 14:00	11/11/25 17:47	1
Butyl benzyl phthalate	ND		9.77	3.91	ug/L		11/09/25 14:00	11/11/25 17:47	1
Caprolactam	12.6		9.77	2.35	ug/L		11/09/25 14:00	11/11/25 17:47	1
Carbazole	ND		9.77	0.313	ug/L		11/09/25 14:00	11/11/25 17:47	1
Chrysene	ND		9.77	1.17	ug/L		11/09/25 14:00	11/11/25 17:47	1
Dibenz(a,h)anthracene	ND		9.77	1.27	ug/L		11/09/25 14:00	11/11/25 17:47	1
Dibenzofuran	ND		9.77	0.625	ug/L		11/09/25 14:00	11/11/25 17:47	1
Diethyl phthalate	ND		9.77	3.91	ug/L		11/09/25 14:00	11/11/25 17:47	1
Dimethyl phthalate	ND		9.77	3.91	ug/L		11/09/25 14:00	11/11/25 17:47	1
Di-n-butyl phthalate	ND		9.77	8.00	ug/L		11/09/25 14:00	11/11/25 17:47	1
Di-n-octyl phthalate	ND		9.77	3.91	ug/L		11/09/25 14:00	11/11/25 17:47	1
Fluoranthene	ND		9.77	0.616	ug/L		11/09/25 14:00	11/11/25 17:47	1
Fluorene	ND		9.77	0.655	ug/L		11/09/25 14:00	11/11/25 17:47	1
Hexachlorobenzene	ND		9.77	0.244	ug/L		11/09/25 14:00	11/11/25 17:47	1
Hexachlorobutadiene	ND		9.77	0.537	ug/L		11/09/25 14:00	11/11/25 17:47	1
Hexachlorocyclopentadiene	ND		19.5	0.313	ug/L		11/09/25 14:00	11/11/25 17:47	1
Hexachloroethane	ND		9.77	0.518	ug/L		11/09/25 14:00	11/11/25 17:47	1
Indeno[1,2,3-cd]pyrene	ND		9.77	1.07	ug/L		11/09/25 14:00	11/11/25 17:47	1
Isophorone	ND		9.77	0.782	ug/L		11/09/25 14:00	11/11/25 17:47	1
Naphthalene	ND		9.77	0.733	ug/L		11/09/25 14:00	11/11/25 17:47	1
Nitrobenzene	ND		9.77	0.586	ug/L		11/09/25 14:00	11/11/25 17:47	1
N-Nitrosodi-n-propylamine	ND		9.77	0.322	ug/L		11/09/25 14:00	11/11/25 17:47	1

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Client Sample Results

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

Job ID: 752-38991-1

Client Sample ID: 825-MW-5

Lab Sample ID: 752-38991-1

Date Collected: 11/05/25 12:50

Matrix: Water

Date Received: 11/06/25 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		9.77	0.186	ug/L		11/09/25 14:00	11/11/25 17:47	1
Pentachlorophenol	ND		9.77	2.74	ug/L		11/09/25 14:00	11/11/25 17:47	1
Phenanthrene	ND		9.77	0.723	ug/L		11/09/25 14:00	11/11/25 17:47	1
Phenol	ND		9.77	0.664	ug/L		11/09/25 14:00	11/11/25 17:47	1
Pyrene	ND		9.77	0.616	ug/L		11/09/25 14:00	11/11/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	100		10 - 150	11/09/25 14:00	11/11/25 17:47	1
2-Fluorobiphenyl (Surr)	83		25 - 139	11/09/25 14:00	11/11/25 17:47	1
2-Fluorophenol (Surr)	64		10 - 150	11/09/25 14:00	11/11/25 17:47	1
Nitrobenzene-d5 (Surr)	110		22 - 150	11/09/25 14:00	11/11/25 17:47	1
Phenol-d5 (Surr)	60		10 - 150	11/09/25 14:00	11/11/25 17:47	1
Terphenyl-d14 (Surr)	49		28 - 150	11/09/25 14:00	11/11/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.00	0.0370	ug/L		11/10/25 15:45	11/11/25 18:28	1
Arsenic	3.78	J	4.00	0.390	ug/L		11/10/25 15:45	11/11/25 18:28	1
Chromium	63.5		2.00	0.388	ug/L		11/10/25 15:45	11/11/25 18:28	1
Copper	26.8		2.00	0.643	ug/L		11/10/25 15:45	11/11/25 18:28	1
Cadmium	ND		2.00	0.245	ug/L		11/10/25 15:45	11/11/25 18:28	1
Cobalt	29.3		2.00	0.102	ug/L		11/10/25 15:45	11/11/25 18:28	1
Barium	387		4.00	0.368	ug/L		11/10/25 15:45	11/11/25 18:28	1
Beryllium	1.70		1.00	0.320	ug/L		11/10/25 15:45	11/11/25 18:28	1
Manganese	4660		10.0	9.87	ug/L		11/10/25 15:45	11/11/25 18:31	10
Nickel	30.5		4.00	0.915	ug/L		11/10/25 15:45	11/11/25 18:28	1
Lead	16.9		2.00	0.243	ug/L		11/10/25 15:45	11/11/25 18:28	1
Antimony	ND		2.00	0.407	ug/L		11/10/25 15:45	11/11/25 18:28	1
Selenium	4.52		4.00	0.483	ug/L		11/10/25 15:45	11/11/25 18:28	1
Thallium	ND		1.00	0.349	ug/L		11/10/25 15:45	11/11/25 18:28	1
Vanadium	77.3		2.00	0.486	ug/L		11/10/25 15:45	11/11/25 18:28	1
Zinc	70.2		4.00	1.29	ug/L		11/10/25 15:45	11/11/25 18:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 13:46	11/12/25 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	0.229	J	0.250	0.100	mg/L			11/11/25 13:16	1
Nitrite as N (MCAWW 353.2_ASP)	ND		0.100	0.0168	mg/L			11/06/25 17:11	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0800	J	0.100	0.0100	mg/L			11/10/25 12:48	1
Nitrate as N (SM Nitrate by calc)	0.0800	J	0.100	0.0100	mg/L			11/17/25 17:28	1
Sulfate (SM 4500 SO4 E)	13.5		5.00	1.40	mg/L			11/14/25 12:46	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38991-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38991-2

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/06/25 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/14/25 17:04	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 17:04	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 17:04	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 17:04	1
Bromomethane	ND	*+	1.00	0.980	ug/L			11/14/25 17:04	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 17:04	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 17:04	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 17:04	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 17:04	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 17:04	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 17:04	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 17:04	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 17:04	1
Chloromethane	ND	*+	1.00	0.840	ug/L			11/14/25 17:04	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 17:04	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 17:04	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 17:04	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 17:04	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 17:04	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 17:04	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 17:04	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 17:04	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 17:04	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 17:04	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 17:04	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 17:04	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 17:04	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 17:04	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 17:04	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 17:04	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 17:04	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 17:04	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 17:04	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 17:04	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 17:04	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 17:04	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 17:04	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 17:04	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 17:04	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 17:04	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 17:04	1

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Client Sample Results

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

Job ID: 752-38991-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38991-2

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/06/25 16:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 17:04	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 17:04	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 17:04	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 17:04	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 17:04	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 17:04	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 17:04	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 17:04	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 17:04	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 17:04	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 17:04	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 17:04	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 17:04	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 17:04	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 17:04	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 17:04	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 17:04	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 17:04	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 17:04	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 17:04	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 17:04	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		56 - 136		11/14/25 17:04	1
Dibromofluoromethane	111		79 - 130		11/14/25 17:04	1
1,2-Dichloroethane-d4 (Surr)	126		59 - 146		11/14/25 17:04	1
Toluene-d8 (Surr)	98		64 - 132		11/14/25 17:04	1

Surrogate Summary

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

Job ID: 752-38991-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (56-136)	DBFM (79-130)	DCA (59-146)	TOL (64-132)
752-38991-1	825-MW-5	98	112	128	99
752-38991-2	Trip Blank	96	111	126	98
LCS 400-730541/1002	Lab Control Sample	103	106	113	99
MB 400-730541/5	Method Blank	100	107	126	100

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (10-150)	FBP (25-139)	2FP (10-150)	NBZ (22-150)	PHL (10-150)	TPHL (28-150)
752-38991-1	825-MW-5	100	83	64	110	60	49
LCS 400-729868/2-A	Lab Control Sample	102	79	70	108	70	76
MB 400-729868/1-A	Method Blank	119	88	91	120	90	84

Surrogate Legend

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

Isotope Dilution Summary

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

Job ID: 752-38991-1

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

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DXE (10-140)
752-38991-1	825-MW-5	27
LCS 400-730273/2-A	Lab Control Sample	29
LCSD 400-730273/3-A	Lab Control Sample Dup	28
MB 400-730273/1-A	Method Blank	29
Surrogate Legend		
DXE = 1,4-Dioxane-d8		

QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: MB 400-730541/5

Matrix: Water

Analysis Batch: 730541

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/14/25 09:33	1
Benzene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Bromobenzene	ND		1.00	0.540	ug/L			11/14/25 09:33	1
Bromoform	ND		5.00	0.250	ug/L			11/14/25 09:33	1
Bromomethane	ND		1.00	0.980	ug/L			11/14/25 09:33	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/14/25 09:33	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/14/25 09:33	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/14/25 09:33	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/14/25 09:33	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/14/25 09:33	1
Chloroethane	ND		1.00	0.760	ug/L			11/14/25 09:33	1
Chloroform	ND		1.00	0.900	ug/L			11/14/25 09:33	1
Chloromethane	ND		1.00	0.840	ug/L			11/14/25 09:33	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/14/25 09:33	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/14/25 09:33	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/14/25 09:33	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/14/25 09:33	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/14/25 09:33	1
Dibromomethane	ND		5.00	0.220	ug/L			11/14/25 09:33	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/14/25 09:33	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/14/25 09:33	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/14/25 09:33	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/14/25 09:33	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/14/25 09:33	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/14/25 09:33	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/14/25 09:33	1
Hexane	ND		1.00	0.960	ug/L			11/14/25 09:33	1
2-Hexanone	ND		25.0	9.10	ug/L			11/14/25 09:33	1
Iodomethane	ND		1.00	0.900	ug/L			11/14/25 09:33	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/14/25 09:33	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/14/25 09:33	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/14/25 09:33	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/14/25 09:33	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/14/25 09:33	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/14/25 09:33	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/14/25 09:33	1
Naphthalene	ND		5.00	3.00	ug/L			11/14/25 09:33	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/14/25 09:33	1
n-Heptane	ND		1.00	0.690	ug/L			11/14/25 09:33	1

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QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: MB 400-730541/5

Matrix: Water

Analysis Batch: 730541

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/14/25 09:33	1
o-Xylene	ND		5.00	3.00	ug/L			11/14/25 09:33	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/14/25 09:33	1
Styrene	ND		1.00	1.00	ug/L			11/14/25 09:33	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/14/25 09:33	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/14/25 09:33	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/14/25 09:33	1
Toluene	ND		1.00	0.900	ug/L			11/14/25 09:33	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/14/25 09:33	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/14/25 09:33	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/14/25 09:33	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/14/25 09:33	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/14/25 09:33	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/14/25 09:33	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/14/25 09:33	1
Trichloroethene	ND		1.00	0.480	ug/L			11/14/25 09:33	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/14/25 09:33	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/14/25 09:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/14/25 09:33	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/14/25 09:33	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/14/25 09:33	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/14/25 09:33	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/14/25 09:33	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/14/25 09:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		56 - 136		11/14/25 09:33	1
Dibromofluoromethane	107		79 - 130		11/14/25 09:33	1
1,2-Dichloroethane-d4 (Surr)	126		59 - 146		11/14/25 09:33	1
Toluene-d8 (Surr)	100		64 - 132		11/14/25 09:33	1

Lab Sample ID: LCS 400-730541/1002

Matrix: Water

Analysis Batch: 730541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	362.3	*+	ug/L		181	43 - 150
Benzene	50.0	47.72		ug/L		95	70 - 130
Bromobenzene	50.0	46.96		ug/L		94	70 - 132
Bromoform	50.0	42.51		ug/L		85	57 - 140
Bromomethane	50.0	78.98	*+	ug/L		158	10 - 150
2-Butanone (MEK)	200	192.3		ug/L		96	61 - 145
Carbon disulfide	50.0	34.13		ug/L		68	61 - 137
Carbon tetrachloride	50.0	47.09		ug/L		94	61 - 137
Chlorobenzene	50.0	47.55		ug/L		95	70 - 130
Chlorobromomethane	50.0	47.78		ug/L		96	70 - 130
Chlorodibromomethane	50.0	46.58		ug/L		93	67 - 135

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QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: LCS 400-730541/1002

Matrix: Water

Analysis Batch: 730541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	60.51		ug/L		121	55 - 141
Chloroform	50.0	51.59		ug/L		103	69 - 130
Chloromethane	50.0	76.65	*+	ug/L		153	58 - 137
2-Chlorotoluene	50.0	53.11		ug/L		106	70 - 130
4-Chlorotoluene	50.0	53.99		ug/L		108	70 - 130
cis-1,2-Dichloroethene	50.0	51.38		ug/L		103	68 - 130
cis-1,3-Dichloropropene	50.0	47.96		ug/L		96	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	42.09		ug/L		84	54 - 135
Dibromomethane	50.0	48.58		ug/L		97	70 - 130
1,2-Dichlorobenzene	50.0	50.83		ug/L		102	67 - 130
1,3-Dichlorobenzene	50.0	50.18		ug/L		100	70 - 130
1,4-Dichlorobenzene	50.0	50.80		ug/L		102	70 - 130
Dichlorobromomethane	50.0	50.43		ug/L		101	67 - 133
1,1-Dichloroethane	50.0	47.95		ug/L		96	70 - 130
1,2-Dichloroethane	50.0	53.94		ug/L		108	69 - 130
1,1-Dichloroethene	50.0	45.75		ug/L		92	63 - 134
1,2-Dichloropropane	50.0	52.43		ug/L		105	70 - 130
1,3-Dichloropropane	50.0	47.79		ug/L		96	70 - 130
2,2-Dichloropropane	50.0	47.30		ug/L		95	52 - 135
1,1-Dichloropropene	50.0	48.22		ug/L		96	70 - 130
Ethyl acetate	100	84.00		ug/L		84	34 - 150
Ethylbenzene	50.0	51.05		ug/L		102	70 - 130
Ethylene Dibromide	50.0	45.88		ug/L		92	70 - 130
Hexachlorobutadiene	50.0	55.15		ug/L		110	53 - 140
Hexane	50.0	38.44		ug/L		77	69 - 130
2-Hexanone	200	215.5		ug/L		108	65 - 137
Iodomethane	50.0	35.95		ug/L		72	27 - 150
Isopropylbenzene	50.0	52.19		ug/L		104	70 - 130
Isopropyl ether	50.0	52.33		ug/L		105	64 - 132
4-Isopropyltoluene	50.0	55.49		ug/L		111	65 - 130
Methylene Chloride	50.0	43.29		ug/L		87	66 - 135
4-Methyl-2-pentanone (MIBK)	200	231.0		ug/L		115	69 - 138
Methyl tert-butyl ether	50.0	44.01		ug/L		88	66 - 130
m-Xylene & p-Xylene	50.0	49.92		ug/L		100	70 - 130
Naphthalene	50.0	42.41		ug/L		85	47 - 149
n-Butylbenzene	50.0	61.56		ug/L		123	67 - 130
n-Heptane	50.0	48.61		ug/L		97	70 - 130
N-Propylbenzene	50.0	52.48		ug/L		105	70 - 130
o-Xylene	50.0	50.10		ug/L		100	70 - 130
sec-Butylbenzene	50.0	56.41		ug/L		113	66 - 130
Styrene	50.0	49.19		ug/L		98	70 - 130
tert-Butylbenzene	50.0	55.88		ug/L		112	64 - 139
1,1,1,2-Tetrachloroethane	50.0	46.33		ug/L		93	67 - 131
1,1,2,2-Tetrachloroethane	50.0	48.87		ug/L		98	70 - 131
Tetrachloroethene	50.0	45.90		ug/L		92	65 - 130
Toluene	50.0	46.42		ug/L		93	70 - 130
trans-1,4-Dichloro-2-butene	50.0	58.30		ug/L		117	57 - 140
trans-1,2-Dichloroethene	50.0	41.19		ug/L		82	70 - 130
trans-1,3-Dichloropropene	50.0	48.05		ug/L		96	63 - 130

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QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: LCS 400-730541/1002

Matrix: Water

Analysis Batch: 730541

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	45.27		ug/L		91	60 - 138
1,2,4-Trichlorobenzene	50.0	48.19		ug/L		96	60 - 140
1,1,1-Trichloroethane	50.0	49.35		ug/L		99	68 - 130
1,1,2-Trichloroethane	50.0	48.35		ug/L		97	70 - 130
Trichloroethene	50.0	44.63		ug/L		89	70 - 130
Trichlorofluoromethane	50.0	64.35		ug/L		129	65 - 138
1,2,3-Trichloropropane	50.0	46.44		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.41		ug/L		93	60 - 139
1,2,4-Trimethylbenzene	50.0	54.18		ug/L		108	70 - 130
1,3,5-Trimethylbenzene	50.0	53.11		ug/L		106	69 - 130
Vinyl acetate	100	101.3		ug/L		101	26 - 150
Vinyl chloride	50.0	56.78		ug/L		114	59 - 136
Xylenes, Total	100	100.0		ug/L		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	103		56 - 136
Dibromofluoromethane	106		79 - 130
1,2-Dichloroethane-d4 (Surr)	113		59 - 146
Toluene-d8 (Surr)	99		64 - 132

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

Lab Sample ID: MB 400-729868/1-A

Matrix: Water

Analysis Batch: 730060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		11/09/25 14:00	11/11/25 12:56	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Chlorophenol	ND		10.0	0.840	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Methylphenol	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/09/25 14:00	11/11/25 12:56	1
2-Nitrophenol	ND		10.0	1.17	ug/L		11/09/25 14:00	11/11/25 12:56	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		11/09/25 14:00	11/11/25 12:56	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		11/09/25 14:00	11/11/25 12:56	1
3-Nitroaniline	ND		10.0	0.950	ug/L		11/09/25 14:00	11/11/25 12:56	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Chloroaniline	ND		10.0	0.580	ug/L		11/09/25 14:00	11/11/25 12:56	1

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QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: MB 400-729868/1-A

Matrix: Water

Analysis Batch: 730060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitroaniline	ND		10.0	3.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
4-Nitrophenol	ND		10.0	2.74	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acenaphthylene	ND		10.0	0.760	ug/L		11/09/25 14:00	11/11/25 12:56	1
Acetophenone	ND		10.0	3.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Anthracene	ND		10.0	0.910	ug/L		11/09/25 14:00	11/11/25 12:56	1
Atrazine	ND		10.0	1.13	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzaldehyde	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		11/09/25 14:00	11/11/25 12:56	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		11/09/25 14:00	11/11/25 12:56	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Caprolactam	ND		10.0	2.40	ug/L		11/09/25 14:00	11/11/25 12:56	1
Carbazole	ND		10.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Chrysene	ND		10.0	1.20	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dibenzofuran	ND		10.0	0.640	ug/L		11/09/25 14:00	11/11/25 12:56	1
Diethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		11/09/25 14:00	11/11/25 12:56	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluoranthene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1
Fluorene	ND		10.0	0.670	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		11/09/25 14:00	11/11/25 12:56	1
Hexachloroethane	ND		10.0	0.530	ug/L		11/09/25 14:00	11/11/25 12:56	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/09/25 14:00	11/11/25 12:56	1
Isophorone	ND		10.0	0.800	ug/L		11/09/25 14:00	11/11/25 12:56	1
Naphthalene	ND		10.0	0.750	ug/L		11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene	ND		10.0	0.600	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		11/09/25 14:00	11/11/25 12:56	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pentachlorophenol	ND		10.0	2.80	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenanthrene	ND		10.0	0.740	ug/L		11/09/25 14:00	11/11/25 12:56	1
Phenol	ND		10.0	0.680	ug/L		11/09/25 14:00	11/11/25 12:56	1
Pyrene	ND		10.0	0.630	ug/L		11/09/25 14:00	11/11/25 12:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	119		10 - 150	11/09/25 14:00	11/11/25 12:56	1
2-Fluorobiphenyl (Surr)	88		25 - 139	11/09/25 14:00	11/11/25 12:56	1

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QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: MB 400-729868/1-A

Matrix: Water

Analysis Batch: 730060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729868

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	91		10 - 150	11/09/25 14:00	11/11/25 12:56	1
Nitrobenzene-d5 (Surr)	120		22 - 150	11/09/25 14:00	11/11/25 12:56	1
Phenol-d5 (Surr)	90		10 - 150	11/09/25 14:00	11/11/25 12:56	1
Terphenyl-d14 (Surr)	84		28 - 150	11/09/25 14:00	11/11/25 12:56	1

Lab Sample ID: LCS 400-729868/2-A

Matrix: Water

Analysis Batch: 730060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.11		ug/L		57	27 - 120
2,4,5-Trichlorophenol	33.3	24.25		ug/L		73	27 - 136
2,4,6-Trichlorophenol	33.3	24.96		ug/L		75	21 - 132
2,4-Dichlorophenol	33.3	24.87		ug/L		75	30 - 125
2,4-Dimethylphenol	33.3	20.41		ug/L		61	10 - 142
2,4-Dinitrophenol	66.7	66.68		ug/L		100	10 - 150
2,4-Dinitrotoluene	33.3	35.63		ug/L		107	30 - 129
2,6-Dinitrotoluene	33.3	41.04		ug/L		123	34 - 132
2-Chloronaphthalene	33.3	18.77		ug/L		56	10 - 150
2-Chlorophenol	33.3	24.66		ug/L		74	28 - 127
2-Methylnaphthalene	33.3	18.25		ug/L		55	24 - 150
2-Methylphenol	33.3	26.11		ug/L		78	11 - 121
2-Nitroaniline	33.3	41.72		ug/L		125	31 - 141
2-Nitrophenol	33.3	50.69	*+	ug/L		152	31 - 142
3 & 4 Methylphenol	33.3	23.97		ug/L		72	10 - 150
3,3'-Dichlorobenzidine	66.7	24.53		ug/L		37	10 - 150
3-Nitroaniline	33.3	35.88		ug/L		108	33 - 136
4,6-Dinitro-2-methylphenol	66.7	89.48		ug/L		134	10 - 150
4-Bromophenyl phenyl ether	33.3	22.80		ug/L		68	24 - 120
4-Chloro-3-methylphenol	33.3	25.71		ug/L		77	10 - 137
4-Chloroaniline	33.3	25.91		ug/L		78	10 - 150
4-Chlorophenyl phenyl ether	33.3	22.73		ug/L		68	31 - 110
4-Nitroaniline	33.3	35.46		ug/L		106	37 - 139
4-Nitrophenol	66.7	64.13		ug/L		96	10 - 150
Acenaphthene	33.3	21.70		ug/L		65	29 - 150
Acenaphthylene	33.3	21.02		ug/L		63	30 - 150
Acetophenone	33.3	23.42		ug/L		70	27 - 119
Anthracene	33.3	25.81		ug/L		77	31 - 150
Atrazine	33.3	22.66		ug/L		68	10 - 150
Benzaldehyde	33.3	18.82		ug/L		56	10 - 150
Benzo[a]anthracene	33.3	22.37		ug/L		67	36 - 150
Benzo[a]pyrene	33.3	24.44		ug/L		73	29 - 150
Benzo[b]fluoranthene	33.3	22.70		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	25.26		ug/L		76	28 - 150
Benzo[k]fluoranthene	33.3	25.79		ug/L		77	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.76		ug/L		68	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.26		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	23.80		ug/L		71	32 - 114

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QC Sample Results

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

Job ID: 752-38991-1

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

Lab Sample ID: LCS 400-729868/2-A

Matrix: Water

Analysis Batch: 730060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	33.3	23.15		ug/L		69	24 - 133
Butyl benzyl phthalate	33.3	24.20		ug/L		73	24 - 140
Caprolactam	33.3	28.73		ug/L		86	10 - 150
Carbazole	33.3	26.40		ug/L		79	28 - 123
Chrysene	33.3	22.80		ug/L		68	34 - 150
Dibenz(a,h)anthracene	33.3	23.71		ug/L		71	29 - 150
Dibenzofuran	33.3	23.86		ug/L		72	35 - 110
Diethyl phthalate	33.3	15.06		ug/L		45	31 - 118
Dimethyl phthalate	33.3	15.53		ug/L		47	24 - 125
Di-n-butyl phthalate	33.3	21.33		ug/L		64	30 - 127
Di-n-octyl phthalate	33.3	25.13		ug/L		75	28 - 142
Fluoranthene	33.3	27.29		ug/L		82	30 - 150
Fluorene	33.3	23.06		ug/L		69	30 - 150
Hexachlorobenzene	33.3	25.47		ug/L		76	29 - 113
Hexachlorobutadiene	33.3	7.418	J	ug/L		22	10 - 117
Hexachlorocyclopentadiene	33.3	8.691	J	ug/L		26	10 - 150
Hexachloroethane	33.3	9.070	J	ug/L		27	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.91		ug/L		66	28 - 150
Isophorone	33.3	23.33		ug/L		70	29 - 125
Naphthalene	33.3	18.89		ug/L		57	27 - 150
Nitrobenzene	33.3	30.97		ug/L		93	29 - 129
N-Nitrosodi-n-propylamine	33.3	21.77		ug/L		65	50 - 134
N-Nitrosodiphenylamine	33.1	25.70		ug/L		78	50 - 132
Pentachlorophenol	66.7	65.92		ug/L		99	14 - 150
Phenanthrene	33.3	25.19		ug/L		76	32 - 150
Phenol	33.3	21.48		ug/L		64	10 - 150
Pyrene	33.3	26.87		ug/L		81	30 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	102		10 - 150
2-Fluorobiphenyl (Surr)	79		25 - 139
2-Fluorophenol (Surr)	70		10 - 150
Nitrobenzene-d5 (Surr)	108		22 - 150
Phenol-d5 (Surr)	70		10 - 150
Terphenyl-d14 (Surr)	76		28 - 150

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

Lab Sample ID: MB 400-730273/1-A

Matrix: Water

Analysis Batch: 730448

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 730273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/12/25 13:01	11/13/25 14:49	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		10 - 140				11/12/25 13:01	11/13/25 14:49	1

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QC Sample Results

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

Job ID: 752-38991-1

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

(Continued)

Lab Sample ID: LCS 400-730273/2-A

Matrix: Water

Analysis Batch: 730448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 730273

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	16.0	17.69		ug/L		111	30 - 150
		LCS	LCS				
Isotope Dilution	%Recovery	Qualifier	Limits				
1,4-Dioxane-d8	29		10 - 140				

Lab Sample ID: LCSD 400-730273/3-A

Matrix: Water

Analysis Batch: 730448

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 730273

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1,4-Dioxane	16.0	17.79		ug/L		111	30 - 150	1	40
		LCSD	LCSD						
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	28		10 - 140						

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-186749/3-A

Matrix: Water

Analysis Batch: 187233

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 186749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.900	0.0333	ug/L		11/10/25 15:45	11/11/25 17:45	1
Arsenic	ND		3.60	0.351	ug/L		11/10/25 15:45	11/11/25 17:45	1
Chromium	ND		1.80	0.349	ug/L		11/10/25 15:45	11/11/25 17:45	1
Copper	ND		1.80	0.579	ug/L		11/10/25 15:45	11/11/25 17:45	1
Cadmium	ND		1.80	0.221	ug/L		11/10/25 15:45	11/11/25 17:45	1
Cobalt	ND		1.80	0.0918	ug/L		11/10/25 15:45	11/11/25 17:45	1
Barium	ND		3.60	0.331	ug/L		11/10/25 15:45	11/11/25 17:45	1
Beryllium	ND		0.900	0.288	ug/L		11/10/25 15:45	11/11/25 17:45	1
Manganese	ND		0.900	0.888	ug/L		11/10/25 15:45	11/11/25 17:45	1
Nickel	ND		3.60	0.824	ug/L		11/10/25 15:45	11/11/25 17:45	1
Lead	ND		1.80	0.219	ug/L		11/10/25 15:45	11/11/25 17:45	1
Antimony	ND		1.80	0.366	ug/L		11/10/25 15:45	11/11/25 17:45	1
Selenium	ND		3.60	0.435	ug/L		11/10/25 15:45	11/11/25 17:45	1
Thallium	ND		0.900	0.314	ug/L		11/10/25 15:45	11/11/25 17:45	1
Vanadium	ND		1.80	0.437	ug/L		11/10/25 15:45	11/11/25 17:45	1
Zinc	ND		3.60	1.16	ug/L		11/10/25 15:45	11/11/25 17:45	1

Lab Sample ID: LCS 670-186749/1-A

Matrix: Water

Analysis Batch: 187233

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 186749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	100	95.39		ug/L		95	80 - 120
Arsenic	100	94.42		ug/L		94	80 - 120
Chromium	100	95.01		ug/L		95	80 - 120
Copper	100	93.60		ug/L		94	80 - 120

Eurofins Raleigh

QC Sample Results

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

Job ID: 752-38991-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 670-186749/1-A

Matrix: Water

Analysis Batch: 187233

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 186749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	92.59		ug/L		93	80 - 120
Cobalt	100	90.74		ug/L		91	80 - 120
Barium	100	89.09		ug/L		89	80 - 120
Beryllium	100	98.45		ug/L		98	80 - 120
Manganese	1100	1084		ug/L		99	80 - 120
Nickel	100	93.89		ug/L		94	80 - 120
Lead	100	89.82		ug/L		90	80 - 120
Antimony	100	92.23		ug/L		92	80 - 120
Selenium	100	89.24		ug/L		89	80 - 120
Thallium	100	86.91		ug/L		87	80 - 120
Vanadium	100	93.61		ug/L		94	80 - 120
Zinc	100	96.24		ug/L		96	80 - 120

Lab Sample ID: LCSD 670-186749/2-A

Matrix: Water

Analysis Batch: 187233

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 186749

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	100	93.89		ug/L		94	80 - 120	2	20
Arsenic	100	95.52		ug/L		96	80 - 120	1	20
Chromium	100	93.93		ug/L		94	80 - 120	1	20
Copper	100	93.09		ug/L		93	80 - 120	1	20
Cadmium	100	90.30		ug/L		90	80 - 120	3	20
Cobalt	100	91.09		ug/L		91	80 - 120	0	20
Barium	100	87.60		ug/L		88	80 - 120	2	20
Beryllium	100	98.54		ug/L		99	80 - 120	0	20
Manganese	1100	1067		ug/L		97	80 - 120	2	20
Nickel	100	94.11		ug/L		94	80 - 120	0	20
Lead	100	88.97		ug/L		89	80 - 120	1	20
Antimony	100	91.29		ug/L		91	80 - 120	1	20
Selenium	100	89.39		ug/L		89	80 - 120	0	20
Thallium	100	87.92		ug/L		88	80 - 120	1	20
Vanadium	100	94.02		ug/L		94	80 - 120	0	20
Zinc	100	95.54		ug/L		96	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 670-186977/13-A

Matrix: Water

Analysis Batch: 187324

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186977

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.400	0.200	ug/L		11/11/25 13:46	11/12/25 12:53	1

Lab Sample ID: LCS 670-186977/11-A

Matrix: Water

Analysis Batch: 187324

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186977

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.170		ug/L		103	85 - 115

Eurofins Raleigh

QC Sample Results

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

Job ID: 752-38991-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCSD 670-186977/12-A
Matrix: Water
Analysis Batch: 187324

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 186977

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	5.00	5.040		ug/L		101	85 - 115	3	20

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

Lab Sample ID: MB 680-887141/13
Matrix: Water
Analysis Batch: 887141

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/11/25 12:47	1

Lab Sample ID: LCS 680-887141/14
Matrix: Water
Analysis Batch: 887141

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	1.00	0.9733		mg/L		97	90 - 110		

Method: 353.2_ASP - Nitrite

Lab Sample ID: MB 752-14076/10
Matrix: Water
Analysis Batch: 14076

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.100	0.0168	mg/L			11/06/25 15:45	1

Lab Sample ID: LCS 752-14076/13
Matrix: Water
Analysis Batch: 14076

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrite as N	1.00	0.9070		mg/L		91	90 - 110		

Lab Sample ID: LCSD 752-14076/47
Matrix: Water
Analysis Batch: 14076

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	1.00	0.9035		mg/L		90	90 - 110	0	10

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887107/28
Matrix: Water
Analysis Batch: 887107

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/10/25 12:32	1

Eurofins Raleigh

QC Sample Results

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

Job ID: 752-38991-1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 680-887107/29
Matrix: Water
Analysis Batch: 887107

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	0.9990		mg/L		100	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-730649/12
Matrix: Water
Analysis Batch: 730649

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.00	1.40	mg/L			11/14/25 12:32	1

Lab Sample ID: LCS 400-730649/13
Matrix: Water
Analysis Batch: 730649

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	16.33		mg/L		109	90 - 110

Lab Sample ID: MRL 400-730649/14
Matrix: Water
Analysis Batch: 730649

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.657	J	mg/L		93	50 - 150

QC Association Summary

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

Job ID: 752-38991-1

GC/MS VOA

Analysis Batch: 730541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	8260D	
752-38991-2	Trip Blank	Total/NA	Water	8260D	
MB 400-730541/5	Method Blank	Total/NA	Water	8260D	
LCS 400-730541/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	3511	
MB 400-729868/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 730060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	8270E	729868
MB 400-729868/1-A	Method Blank	Total/NA	Water	8270E	729868
LCS 400-729868/2-A	Lab Control Sample	Total/NA	Water	8270E	729868

Prep Batch: 730273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	3510C	
MB 400-730273/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-730273/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-730273/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 730448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-730273/1-A	Method Blank	Total/NA	Water	8270E SIM ID	730273
LCS 400-730273/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	730273
LCSD 400-730273/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	730273

Analysis Batch: 730615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	8270E SIM ID	730273

Metals

Prep Batch: 186749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total Recoverable	Water	3005A	
MB 670-186749/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-186749/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-186749/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 186977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	7470A	
MB 670-186977/13-A	Method Blank	Total/NA	Water	7470A	
LCS 670-186977/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 670-186977/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Eurofins Raleigh

QC Association Summary

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

Job ID: 752-38991-1

Metals

Analysis Batch: 187233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total Recoverable	Water	6020B	186749
752-38991-1	825-MW-5	Total Recoverable	Water	6020B	186749
MB 670-186749/3-A	Method Blank	Total Recoverable	Water	6020B	186749
LCS 670-186749/1-A	Lab Control Sample	Total Recoverable	Water	6020B	186749
LCSD 670-186749/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	186749

Analysis Batch: 187324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	7470A	186977
MB 670-186977/13-A	Method Blank	Total/NA	Water	7470A	186977
LCS 670-186977/11-A	Lab Control Sample	Total/NA	Water	7470A	186977
LCSD 670-186977/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	186977

General Chemistry

Analysis Batch: 14076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	353.2_ASP	
MB 752-14076/10	Method Blank	Total/NA	Water	353.2_ASP	
LCS 752-14076/13	Lab Control Sample	Total/NA	Water	353.2_ASP	
LCSD 752-14076/47	Lab Control Sample Dup	Total/NA	Water	353.2_ASP	

Analysis Batch: 730649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	SM 4500 SO4 E	
MB 400-730649/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-730649/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-730649/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 887107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	353.2-1993 R2.0	
MB 680-887107/28	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887107/29	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 887141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	350.1-1993 R2.0	
MB 680-887141/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-887141/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38991-1	825-MW-5	Total/NA	Water	Nitrate by calc	

Lab Chronicle

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

Job ID: 752-38991-1

Client Sample ID: 825-MW-5

Lab Sample ID: 752-38991-1

Date Collected: 11/05/25 12:50

Matrix: Water

Date Received: 11/06/25 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730541	RSG	EET PEN	11/14/25 16:38
Total/NA	Prep	3511			729868	JPH	EET PEN	11/09/25 14:00
Total/NA	Analysis	8270E		1	730060	JAW	EET PEN	11/11/25 17:47
Total/NA	Prep	3510C			730273	AMM	EET PEN	11/12/25 13:01
Total/NA	Analysis	8270E SIM ID		1	730615	VC1	EET PEN	11/14/25 11:52
Total Recoverable	Prep	3005A			186749	JR	EET ORL	11/10/25 15:45
Total Recoverable	Analysis	6020B		1	187233	JA	EET ORL	11/11/25 18:28
Total Recoverable	Prep	3005A			186749	JR	EET ORL	11/10/25 15:45
Total Recoverable	Analysis	6020B		10	187233	JA	EET ORL	11/11/25 18:31
Total/NA	Prep	7470A			186977	CM	EET ORL	11/11/25 13:46
Total/NA	Analysis	7470A		1	187324	EB	EET ORL	11/12/25 13:10
Total/NA	Analysis	350.1-1993 R2.0		1	887141	DJ	EET SAV	11/11/25 13:16
Total/NA	Analysis	353.2_ASP		1	14076	CB	EET RAL	11/06/25 17:11
Total/NA	Analysis	353.2-1993 R2.0		1	887107	NVF	EET SAV	11/10/25 12:48
Total/NA	Analysis	Nitrate by calc		1	887202	ALG	EET SAV	11/17/25 17:28
Total/NA	Analysis	SM 4500 SO4 E		1	730649	CJK	EET PEN	11/14/25 12:46

Client Sample ID: Trip Blank

Lab Sample ID: 752-38991-2

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/06/25 16:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	730541	RSG	EET PEN	11/14/25 17:04

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

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

Job ID: 752-38991-1

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-25

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	699	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Hexane
8260D		Water	n-Heptane
8270E	3511	Water	3 & 4 Methylphenol
8270E	3511	Water	4-Nitrophenol

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

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

Job ID: 752-38991-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ORL
7470A	Mercury (CVAA)	SW846	EET ORL
350.1-1993 R2.0	Nitrogen, Ammonia	MCAWW	EET SAV
353.2_ASP	Nitrite	MCAWW	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET ORL

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984
EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001
EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

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

Job ID: 752-38991-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38991-1	825-MW-5	Water	11/05/25 12:50	11/06/25 16:52	North Carolina
752-38991-2	Trip Blank	Water	11/05/25 00:00	11/06/25 16:52	North Carolina

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104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

[illegible]

Eurofins Raleigh

104 Woodwinds Industrial Court Suite A

Cary, NC 27511

Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Bechtold, Chad		Carrier Tracking No(s): N/A		COC No: 752-7191.1					
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Chad.Bechtold@et.eurofinsus.com		State of Origin: North Carolina		Page: Page 1 of 1					
Company: Eurofins Environment Testing Southeast L				Accreditations Required (See note): State - North Carolina (WW/SW)				Job #: 752-38991-1					
Address: 5102 LaRoche Avenue,		Due Date Requested: 11/18/2025		Analysis Requested						Preservation Codes: -			
City: Savannah		TAT Requested (days): N/A											
State, Zip: GA, 31404													
Phone: 912-354-7858(Tel) 912-352-0165(Fax)		PO #: N/A											
Email: N/A		WO #: N/A											
Project Name: Northgate Park		Project #: 68026680								Other: N/A			
Site: N/A		SSOW#: N/A											
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	350.1(WOD) Ammonia	Total Number of containers	Special Instructions/Note:	
825-MW-5 (752-38991-1)		11/5/25	12:50 Eastern	G	Water			X	X	X	1		
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.													
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months							
Deliverable Requested: I, II, III, IV, Other (specify)						Primary Deliverable Rank: 2						Special Instructions/QC Requirements:	
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:					
Relinquished by: PL		Date/Time: 11/7/25 16:50		Company:		Received by: [Signature]		Date/Time: 11/8/25 1050		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: 1.8/1.9							

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38991-1

Login Number: 38991

List Source: Eurofins Raleigh

List Number: 1

Creator: Ortiz, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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: 752-38991-1

Login Number: 38991

List Number: 3

Creator: Santiago, Edwin

List Source: Eurofins Orlando

List Creation: 11/08/25 11:26 AM

Question	Answer	Comment
The cooler or samples do not appear to have been compromised or tampered with	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38991-1

Login Number: 38991

List Number: 4

Creator: Wilson, Derek A

List Source: Eurofins Pensacola

List Creation: 11/08/25 11:57 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.7°C IR11 1.8°C IR11 0.4°C IR11 3.3°C IR11 4.9°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	MISSIN SAMPLES first sample is missing three containers
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: 752-38991-1

Login Number: 38991

List Number: 2

Creator: Munro, Caroline

List Source: Eurofins Savannah

List Creation: 11/08/25 11:23 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616
Generated 11/17/2025 8:26:19 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-38762-1

Eurofins Raleigh

Job Notes

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Authorization



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Authorized for release by
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Definitions/Glossary

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

Job ID: 752-38762-1

Qualifiers

GC/MS VOA

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

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
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Case Narrative

Client: S&ME Inc
Project: Northgate Park

Job ID: 752-38762-1

Job ID: 752-38762-1

Eurofins Raleigh

Job Narrative 752-38762-1

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 10/31/2025 4:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-729595 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SW-2 (752-38762-2), SW-DUP (752-38762-5), SW-5 (752-38762-6), and SW-6 (752-38762-7). These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729370 and analytical batch 400-729433 recovered outside control limits for the following analyte: 2-Nitrophenol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

HPLC/IC

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

Metals

Method 6020B - Total Recoverable: The method blank for preparation batch 705-92994 and analytical batch 705-95357 contained Copper and Selenium above the method detection limit (MDL). This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-digestion and/or re-analysis of samples was not performed.

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

General Chemistry

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

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38762-1

Client Sample ID: SW-1

Lab Sample ID: 752-38762-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate	7.14		1.00	0.390	mg/L	1			9056A	Total/NA
Barium	29.7		10.0	0.410	ug/L	1			6020B	Total Recoverable
Copper	4.52	B	2.00	0.642	ug/L	1			6020B	Total Recoverable
Manganese	80.0		5.00	1.29	ug/L	1			6020B	Total Recoverable
Nickel	1.40	J	5.00	0.422	ug/L	1			6020B	Total Recoverable
Selenium	2.38	J B ^+	5.00	2.29	ug/L	1			6020B	Total Recoverable
Vanadium	1.40	J	5.00	1.22	ug/L	1			6020B	Total Recoverable
Zinc	10.4		10.0	8.91	ug/L	1			6020B	Total Recoverable
Nitrate Nitrite as N	0.0420	J	0.100	0.0100	mg/L	1			353.2-1993 R2.0	Total/NA
Nitrate as N	0.0420	J	0.100	0.0100	mg/L	1			Nitrate by calc	Total/NA

Client Sample ID: SW-2

Lab Sample ID: 752-38762-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Caprolactam	2.92	J	10.1	2.43	ug/L	1			8270E	Total/NA
Sulfate	6.13		1.00	0.390	mg/L	1			9056A	Total/NA
Barium	26.0		10.0	0.410	ug/L	1			6020B	Total Recoverable
Copper	4.54	B	2.00	0.642	ug/L	1			6020B	Total Recoverable
Manganese	54.3		5.00	1.29	ug/L	1			6020B	Total Recoverable
Nickel	1.24	J	5.00	0.422	ug/L	1			6020B	Total Recoverable
Selenium	4.00	J B ^+	5.00	2.29	ug/L	1			6020B	Total Recoverable
Vanadium	1.56	J	5.00	1.22	ug/L	1			6020B	Total Recoverable
Zinc	9.32	J	10.0	8.91	ug/L	1			6020B	Total Recoverable
Nitrate Nitrite as N	0.0380	J F1	0.100	0.0100	mg/L	1			353.2-1993 R2.0	Total/NA
Nitrate as N	0.0380	J	0.100	0.0100	mg/L	1			Nitrate by calc	Total/NA

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate	6.24		1.00	0.390	mg/L	1			9056A	Total/NA
Barium	26.0		10.0	0.410	ug/L	1			6020B	Total Recoverable
Copper	4.70	B	2.00	0.642	ug/L	1			6020B	Total Recoverable
Manganese	40.1		5.00	1.29	ug/L	1			6020B	Total Recoverable
Nickel	1.20	J	5.00	0.422	ug/L	1			6020B	Total Recoverable
Selenium	4.37	J B ^+	5.00	2.29	ug/L	1			6020B	Total Recoverable
Vanadium	1.65	J	5.00	1.22	ug/L	1			6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38762-1

Client Sample ID: SW-3 (Continued)

Lab Sample ID: 752-38762-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	9.60	J	10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0430	J F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0430	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: SW-4

Lab Sample ID: 752-38762-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	5.99		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	25.2		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.23	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	38.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.16	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	3.65	J B ^+	5.00	2.29	ug/L	1		6020B	Total Recoverable
Vanadium	1.40	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0400	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0400	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	6.18		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	25.9		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.70	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	39.2		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	0.973	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Selenium	4.04	J B ^+	5.00	2.29	ug/L	1		6020B	Total Recoverable
Vanadium	1.85	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	9.81	J	10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0470	J	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0470	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA

Client Sample ID: SW-5

Lab Sample ID: 752-38762-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	6.19		1.00	0.390	mg/L	1		9056A	Total/NA
Barium	25.7		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cadmium	0.380	J	0.700	0.237	ug/L	1		6020B	Total Recoverable
Copper	4.35	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	43.2		5.00	1.29	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38762-1

Client Sample ID: SW-5 (Continued)

Lab Sample ID: 752-38762-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Nickel	1.49	J	5.00	0.422	ug/L	1			6020B	Total
										Recoverable
Vanadium	1.54	J	5.00	1.22	ug/L	1			6020B	Total
										Recoverable
Zinc	9.26	J	10.0	8.91	ug/L	1			6020B	Total
										Recoverable
Nitrate Nitrite as N	0.0350	J	0.100	0.0100	mg/L	1			353.2-1993 R2.0	Total/NA
Nitrate as N	0.0350	J	0.100	0.0100	mg/L	1			Nitrate by calc	Total/NA

Client Sample ID: SW-6

Lab Sample ID: 752-38762-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate	6.32		1.00	0.390	mg/L	1			9056A	Total/NA
Barium	26.3		10.0	0.410	ug/L	1			6020B	Total
										Recoverable
Cadmium	0.390	J	0.700	0.237	ug/L	1			6020B	Total
										Recoverable
Copper	4.43	B	2.00	0.642	ug/L	1			6020B	Total
										Recoverable
Manganese	32.4		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	1.49	J	5.00	1.22	ug/L	1			6020B	Total
										Recoverable
Zinc	9.73	J	10.0	8.91	ug/L	1			6020B	Total
										Recoverable
Nitrate Nitrite as N	0.0300	J	0.100	0.0100	mg/L	1			353.2-1993 R2.0	Total/NA
Nitrate as N	0.0300	J	0.100	0.0100	mg/L	1			Nitrate by calc	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-38762-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-1

Lab Sample ID: 752-38762-1

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 16:32	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 16:32	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 16:32	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 16:32	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 16:32	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 16:32	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 16:32	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 16:32	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 16:32	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 16:32	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 16:32	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 16:32	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 16:32	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 16:32	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 16:32	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 16:32	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 16:32	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 16:32	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 16:32	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 16:32	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 16:32	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 16:32	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 16:32	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 16:32	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 16:32	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 16:32	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 16:32	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 16:32	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 16:32	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 16:32	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 16:32	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 16:32	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 16:32	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 16:32	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 16:32	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 16:32	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 16:32	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 16:32	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 16:32	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 16:32	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 16:32	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-1

Lab Sample ID: 752-38762-1

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 16:32	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 16:32	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 16:32	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 16:32	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 16:32	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 16:32	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 16:32	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 16:32	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 16:32	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 16:32	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 16:32	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 16:32	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 16:32	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 16:32	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 16:32	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 16:32	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 16:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 16:32	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 16:32	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 16:32	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 16:32	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 16:32	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		56 - 136		11/06/25 16:32	1
Dibromofluoromethane	97		79 - 130		11/06/25 16:32	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 16:32	1
Toluene-d8 (Surr)	101		64 - 132		11/06/25 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.295	0.295	ug/L		11/05/25 15:11	11/06/25 15:36	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	23		10 - 140				11/05/25 15:11	11/06/25 15:36	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		11/05/25 09:14	11/05/25 21:20	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		11/05/25 09:14	11/05/25 21:20	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		11/05/25 09:14	11/05/25 21:20	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		11/05/25 09:14	11/05/25 21:20	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		11/05/25 09:14	11/05/25 21:20	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		11/05/25 09:14	11/05/25 21:20	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		11/05/25 09:14	11/05/25 21:20	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		11/05/25 09:14	11/05/25 21:20	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		11/05/25 09:14	11/05/25 21:20	1
2-Chlorophenol	ND		10.3	0.863	ug/L		11/05/25 09:14	11/05/25 21:20	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		11/05/25 09:14	11/05/25 21:20	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-1

Lab Sample ID: 752-38762-1

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.3	0.781	ug/L		11/05/25 09:14	11/05/25 21:20	1
2-Nitroaniline	ND		10.3	1.41	ug/L		11/05/25 09:14	11/05/25 21:20	1
2-Nitrophenol	ND	*+	10.3	1.20	ug/L		11/05/25 09:14	11/05/25 21:20	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		11/05/25 09:14	11/05/25 21:20	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		11/05/25 09:14	11/05/25 21:20	1
3-Nitroaniline	ND		10.3	0.976	ug/L		11/05/25 09:14	11/05/25 21:20	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		11/05/25 09:14	11/05/25 21:20	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		11/05/25 09:14	11/05/25 21:20	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		11/05/25 09:14	11/05/25 21:20	1
4-Chloroaniline	ND		10.3	0.596	ug/L		11/05/25 09:14	11/05/25 21:20	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		11/05/25 09:14	11/05/25 21:20	1
4-Nitroaniline	ND		10.3	3.60	ug/L		11/05/25 09:14	11/05/25 21:20	1
4-Nitrophenol	ND		10.3	2.82	ug/L		11/05/25 09:14	11/05/25 21:20	1
Acenaphthene	ND		10.3	0.647	ug/L		11/05/25 09:14	11/05/25 21:20	1
Acenaphthylene	ND		10.3	0.781	ug/L		11/05/25 09:14	11/05/25 21:20	1
Acetophenone	ND		10.3	3.29	ug/L		11/05/25 09:14	11/05/25 21:20	1
Anthracene	ND		10.3	0.935	ug/L		11/05/25 09:14	11/05/25 21:20	1
Atrazine	ND		10.3	1.16	ug/L		11/05/25 09:14	11/05/25 21:20	1
Benzaldehyde	ND		10.3	0.688	ug/L		11/05/25 09:14	11/05/25 21:20	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		11/05/25 09:14	11/05/25 21:20	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		11/05/25 09:14	11/05/25 21:20	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		11/05/25 09:14	11/05/25 21:20	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		11/05/25 09:14	11/05/25 21:20	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		11/05/25 09:14	11/05/25 21:20	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		11/05/25 09:14	11/05/25 21:20	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		11/05/25 09:14	11/05/25 21:20	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		11/05/25 09:14	11/05/25 21:20	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		11/05/25 09:14	11/05/25 21:20	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		11/05/25 09:14	11/05/25 21:20	1
Caprolactam	ND		10.3	2.47	ug/L		11/05/25 09:14	11/05/25 21:20	1
Carbazole	ND		10.3	0.329	ug/L		11/05/25 09:14	11/05/25 21:20	1
Chrysene	ND		10.3	1.23	ug/L		11/05/25 09:14	11/05/25 21:20	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		11/05/25 09:14	11/05/25 21:20	1
Dibenzofuran	ND		10.3	0.658	ug/L		11/05/25 09:14	11/05/25 21:20	1
Diethyl phthalate	ND		10.3	4.11	ug/L		11/05/25 09:14	11/05/25 21:20	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		11/05/25 09:14	11/05/25 21:20	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		11/05/25 09:14	11/05/25 21:20	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		11/05/25 09:14	11/05/25 21:20	1
Fluoranthene	ND		10.3	0.647	ug/L		11/05/25 09:14	11/05/25 21:20	1
Fluorene	ND		10.3	0.688	ug/L		11/05/25 09:14	11/05/25 21:20	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		11/05/25 09:14	11/05/25 21:20	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		11/05/25 09:14	11/05/25 21:20	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		11/05/25 09:14	11/05/25 21:20	1
Hexachloroethane	ND		10.3	0.545	ug/L		11/05/25 09:14	11/05/25 21:20	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		11/05/25 09:14	11/05/25 21:20	1
Isophorone	ND		10.3	0.822	ug/L		11/05/25 09:14	11/05/25 21:20	1
Naphthalene	ND		10.3	0.771	ug/L		11/05/25 09:14	11/05/25 21:20	1
Nitrobenzene	ND		10.3	0.616	ug/L		11/05/25 09:14	11/05/25 21:20	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		11/05/25 09:14	11/05/25 21:20	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-1

Lab Sample ID: 752-38762-1

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.3	0.195	ug/L		11/05/25 09:14	11/05/25 21:20	1
Pentachlorophenol	ND		10.3	2.88	ug/L		11/05/25 09:14	11/05/25 21:20	1
Phenanthrene	ND		10.3	0.760	ug/L		11/05/25 09:14	11/05/25 21:20	1
Phenol	ND		10.3	0.699	ug/L		11/05/25 09:14	11/05/25 21:20	1
Pyrene	ND		10.3	0.647	ug/L		11/05/25 09:14	11/05/25 21:20	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	130		10 - 150				11/05/25 09:14	11/05/25 21:20	1
2-Fluorobiphenyl (Surr)	103		25 - 139				11/05/25 09:14	11/05/25 21:20	1
2-Fluorophenol (Surr)	98		10 - 150				11/05/25 09:14	11/05/25 21:20	1
Nitrobenzene-d5 (Surr)	148		22 - 150				11/05/25 09:14	11/05/25 21:20	1
Phenol-d5 (Surr)	102		10 - 150				11/05/25 09:14	11/05/25 21:20	1
Terphenyl-d14 (Surr)	59		28 - 150				11/05/25 09:14	11/05/25 21:20	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	7.14		1.00	0.390	mg/L			11/10/25 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 02:49	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 02:49	1
Barium	29.7		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 02:49	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 02:49	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 08:26	11/14/25 02:49	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 02:49	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 02:49	1
Copper	4.52	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 02:49	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 02:49	1
Manganese	80.0		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 02:49	1
Nickel	1.40	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 02:49	1
Selenium	2.38	J B ^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 02:49	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 02:49	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 02:49	1
Vanadium	1.40	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 02:49	1
Zinc	10.4		10.0	8.91	ug/L		11/05/25 08:26	11/14/25 02:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/08/25 10:33	11/08/25 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:33	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0420	J	0.100	0.0100	mg/L			11/05/25 12:22	1
Nitrate as N (SM Nitrate by calc)	0.0420	J	0.100	0.0100	mg/L			11/05/25 07:28	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-2

Lab Sample ID: 752-38762-2

Date Collected: 10/31/25 10:25

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 16:57	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 16:57	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 16:57	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 16:57	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 16:57	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 16:57	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 16:57	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 16:57	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 16:57	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 16:57	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 16:57	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 16:57	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 16:57	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 16:57	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 16:57	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 16:57	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 16:57	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 16:57	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 16:57	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 16:57	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 16:57	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 16:57	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 16:57	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 16:57	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 16:57	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 16:57	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 16:57	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 16:57	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 16:57	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 16:57	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 16:57	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 16:57	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 16:57	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 16:57	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 16:57	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 16:57	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 16:57	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 16:57	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 16:57	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 16:57	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 16:57	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 16:57	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-2

Lab Sample ID: 752-38762-2

Date Collected: 10/31/25 10:25

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 16:57	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 16:57	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 16:57	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 16:57	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 16:57	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 16:57	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 16:57	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 16:57	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 16:57	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 16:57	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 16:57	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 16:57	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 16:57	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 16:57	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 16:57	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 16:57	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 16:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 16:57	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 16:57	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 16:57	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 16:57	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 16:57	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		56 - 136		11/06/25 16:57	1
Dibromofluoromethane	96		79 - 130		11/06/25 16:57	1
1,2-Dichloroethane-d4 (Surr)	109		59 - 146		11/06/25 16:57	1
Toluene-d8 (Surr)	103		64 - 132		11/06/25 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.288	0.288	ug/L		11/05/25 15:11	11/06/25 15:57	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	22		10 - 140				11/05/25 15:11	11/06/25 15:57	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		10.1	0.426	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		11/05/25 09:14	11/05/25 21:52	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		11/05/25 09:14	11/05/25 21:52	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		11/05/25 09:14	11/05/25 21:52	1
2-Chlorophenol	ND		10.1	0.851	ug/L		11/05/25 09:14	11/05/25 21:52	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		11/05/25 09:14	11/05/25 21:52	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-2

Lab Sample ID: 752-38762-2

Date Collected: 10/31/25 10:25

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.770	ug/L		11/05/25 09:14	11/05/25 21:52	1
2-Nitroaniline	ND		10.1	1.39	ug/L		11/05/25 09:14	11/05/25 21:52	1
2-Nitrophenol	ND	+	10.1	1.19	ug/L		11/05/25 09:14	11/05/25 21:52	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		11/05/25 09:14	11/05/25 21:52	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		11/05/25 09:14	11/05/25 21:52	1
3-Nitroaniline	ND		10.1	0.963	ug/L		11/05/25 09:14	11/05/25 21:52	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		11/05/25 09:14	11/05/25 21:52	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		11/05/25 09:14	11/05/25 21:52	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		11/05/25 09:14	11/05/25 21:52	1
4-Chloroaniline	ND		10.1	0.588	ug/L		11/05/25 09:14	11/05/25 21:52	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		11/05/25 09:14	11/05/25 21:52	1
4-Nitroaniline	ND		10.1	3.55	ug/L		11/05/25 09:14	11/05/25 21:52	1
4-Nitrophenol	ND		10.1	2.78	ug/L		11/05/25 09:14	11/05/25 21:52	1
Acenaphthene	ND		10.1	0.639	ug/L		11/05/25 09:14	11/05/25 21:52	1
Acenaphthylene	ND		10.1	0.770	ug/L		11/05/25 09:14	11/05/25 21:52	1
Acetophenone	ND		10.1	3.24	ug/L		11/05/25 09:14	11/05/25 21:52	1
Anthracene	ND		10.1	0.922	ug/L		11/05/25 09:14	11/05/25 21:52	1
Atrazine	ND		10.1	1.15	ug/L		11/05/25 09:14	11/05/25 21:52	1
Benzaldehyde	ND		10.1	0.679	ug/L		11/05/25 09:14	11/05/25 21:52	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/05/25 09:14	11/05/25 21:52	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/05/25 09:14	11/05/25 21:52	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		11/05/25 09:14	11/05/25 21:52	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/05/25 09:14	11/05/25 21:52	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/05/25 09:14	11/05/25 21:52	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		11/05/25 09:14	11/05/25 21:52	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		11/05/25 09:14	11/05/25 21:52	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		11/05/25 09:14	11/05/25 21:52	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		11/05/25 09:14	11/05/25 21:52	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		11/05/25 09:14	11/05/25 21:52	1
Caprolactam	2.92	J	10.1	2.43	ug/L		11/05/25 09:14	11/05/25 21:52	1
Carbazole	ND		10.1	0.324	ug/L		11/05/25 09:14	11/05/25 21:52	1
Chrysene	ND		10.1	1.22	ug/L		11/05/25 09:14	11/05/25 21:52	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		11/05/25 09:14	11/05/25 21:52	1
Dibenzofuran	ND		10.1	0.649	ug/L		11/05/25 09:14	11/05/25 21:52	1
Diethyl phthalate	ND		10.1	4.05	ug/L		11/05/25 09:14	11/05/25 21:52	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		11/05/25 09:14	11/05/25 21:52	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		11/05/25 09:14	11/05/25 21:52	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		11/05/25 09:14	11/05/25 21:52	1
Fluoranthene	ND		10.1	0.639	ug/L		11/05/25 09:14	11/05/25 21:52	1
Fluorene	ND		10.1	0.679	ug/L		11/05/25 09:14	11/05/25 21:52	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/05/25 09:14	11/05/25 21:52	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		11/05/25 09:14	11/05/25 21:52	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		11/05/25 09:14	11/05/25 21:52	1
Hexachloroethane	ND		10.1	0.537	ug/L		11/05/25 09:14	11/05/25 21:52	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/05/25 09:14	11/05/25 21:52	1
Isophorone	ND		10.1	0.811	ug/L		11/05/25 09:14	11/05/25 21:52	1
Naphthalene	ND		10.1	0.760	ug/L		11/05/25 09:14	11/05/25 21:52	1
Nitrobenzene	ND		10.1	0.608	ug/L		11/05/25 09:14	11/05/25 21:52	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		11/05/25 09:14	11/05/25 21:52	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-2

Lab Sample ID: 752-38762-2

Date Collected: 10/31/25 10:25

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		11/05/25 09:14	11/05/25 21:52	1
Pentachlorophenol	ND		10.1	2.84	ug/L		11/05/25 09:14	11/05/25 21:52	1
Phenanthrene	ND		10.1	0.750	ug/L		11/05/25 09:14	11/05/25 21:52	1
Phenol	ND		10.1	0.689	ug/L		11/05/25 09:14	11/05/25 21:52	1
Pyrene	ND		10.1	0.639	ug/L		11/05/25 09:14	11/05/25 21:52	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	129		10 - 150				11/05/25 09:14	11/05/25 21:52	1
2-Fluorobiphenyl (Surr)	111		25 - 139				11/05/25 09:14	11/05/25 21:52	1
2-Fluorophenol (Surr)	102		10 - 150				11/05/25 09:14	11/05/25 21:52	1
Nitrobenzene-d5 (Surr)	161	S1+	22 - 150				11/05/25 09:14	11/05/25 21:52	1
Phenol-d5 (Surr)	105		10 - 150				11/05/25 09:14	11/05/25 21:52	1
Terphenyl-d14 (Surr)	66		28 - 150				11/05/25 09:14	11/05/25 21:52	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6.13		1.00	0.390	mg/L			11/10/25 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 02:52	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 02:52	1
Barium	26.0		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 02:52	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 02:52	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 08:26	11/14/25 02:52	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 02:52	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 02:52	1
Copper	4.54	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 02:52	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 02:52	1
Manganese	54.3		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 02:52	1
Nickel	1.24	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 02:52	1
Selenium	4.00	J B ^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 02:52	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 02:52	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 02:52	1
Vanadium	1.56	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 02:52	1
Zinc	9.32	J	10.0	8.91	ug/L		11/05/25 08:26	11/14/25 02:52	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		11/08/25 10:33	11/08/25 15:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:36	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0380	J F1	0.100	0.0100	mg/L			11/05/25 12:24	1
Nitrate as N (SM Nitrate by calc)	0.0380	J	0.100	0.0100	mg/L			11/05/25 07:28	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Date Collected: 10/31/25 11:10

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 17:47	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 17:47	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 17:47	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 17:47	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 17:47	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 17:47	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 17:47	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 17:47	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 17:47	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 17:47	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 17:47	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 17:47	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 17:47	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 17:47	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 17:47	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 17:47	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 17:47	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 17:47	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 17:47	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 17:47	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 17:47	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 17:47	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 17:47	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 17:47	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 17:47	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 17:47	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 17:47	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 17:47	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 17:47	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 17:47	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 17:47	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 17:47	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 17:47	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 17:47	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 17:47	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 17:47	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 17:47	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 17:47	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 17:47	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 17:47	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 17:47	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 17:47	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Date Collected: 10/31/25 11:10

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 17:47	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 17:47	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 17:47	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 17:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 17:47	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 17:47	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 17:47	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 17:47	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 17:47	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 17:47	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 17:47	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 17:47	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 17:47	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 17:47	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 17:47	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 17:47	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 17:47	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 17:47	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 17:47	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 17:47	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 17:47	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		56 - 136		11/06/25 17:47	1
Dibromofluoromethane	98		79 - 130		11/06/25 17:47	1
1,2-Dichloroethane-d4 (Surr)	108		59 - 146		11/06/25 17:47	1
Toluene-d8 (Surr)	102		64 - 132		11/06/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		11/05/25 15:11	11/06/25 16:19	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	24		10 - 140				11/05/25 15:11	11/06/25 16:19	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		10.2	0.429	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		11/05/25 09:14	11/05/25 22:24	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		11/05/25 09:14	11/05/25 22:24	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		11/05/25 09:14	11/05/25 22:24	1
2-Chlorophenol	ND		10.2	0.857	ug/L		11/05/25 09:14	11/05/25 22:24	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		11/05/25 09:14	11/05/25 22:24	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Date Collected: 10/31/25 11:10

Matrix: Water

Date Received: 10/31/25 16:25

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		11/05/25 09:14	11/05/25 22:24	1
2-Nitroaniline	ND		10.2	1.40	ug/L		11/05/25 09:14	11/05/25 22:24	1
2-Nitrophenol	ND	+	10.2	1.19	ug/L		11/05/25 09:14	11/05/25 22:24	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		11/05/25 09:14	11/05/25 22:24	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		11/05/25 09:14	11/05/25 22:24	1
3-Nitroaniline	ND		10.2	0.969	ug/L		11/05/25 09:14	11/05/25 22:24	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		11/05/25 09:14	11/05/25 22:24	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		11/05/25 09:14	11/05/25 22:24	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		11/05/25 09:14	11/05/25 22:24	1
4-Chloroaniline	ND		10.2	0.592	ug/L		11/05/25 09:14	11/05/25 22:24	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		11/05/25 09:14	11/05/25 22:24	1
4-Nitroaniline	ND		10.2	3.57	ug/L		11/05/25 09:14	11/05/25 22:24	1
4-Nitrophenol	ND		10.2	2.80	ug/L		11/05/25 09:14	11/05/25 22:24	1
Acenaphthene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/05/25 22:24	1
Acenaphthylene	ND		10.2	0.776	ug/L		11/05/25 09:14	11/05/25 22:24	1
Acetophenone	ND		10.2	3.27	ug/L		11/05/25 09:14	11/05/25 22:24	1
Anthracene	ND		10.2	0.929	ug/L		11/05/25 09:14	11/05/25 22:24	1
Atrazine	ND		10.2	1.15	ug/L		11/05/25 09:14	11/05/25 22:24	1
Benzaldehyde	ND		10.2	0.684	ug/L		11/05/25 09:14	11/05/25 22:24	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/05/25 09:14	11/05/25 22:24	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/05/25 09:14	11/05/25 22:24	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/05/25 09:14	11/05/25 22:24	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/05/25 09:14	11/05/25 22:24	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/05/25 09:14	11/05/25 22:24	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		11/05/25 09:14	11/05/25 22:24	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		11/05/25 09:14	11/05/25 22:24	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		11/05/25 09:14	11/05/25 22:24	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:24	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:24	1
Caprolactam	ND		10.2	2.45	ug/L		11/05/25 09:14	11/05/25 22:24	1
Carbazole	ND		10.2	0.327	ug/L		11/05/25 09:14	11/05/25 22:24	1
Chrysene	ND		10.2	1.22	ug/L		11/05/25 09:14	11/05/25 22:24	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		11/05/25 09:14	11/05/25 22:24	1
Dibenzofuran	ND		10.2	0.653	ug/L		11/05/25 09:14	11/05/25 22:24	1
Diethyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:24	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:24	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		11/05/25 09:14	11/05/25 22:24	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:24	1
Fluoranthene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/05/25 22:24	1
Fluorene	ND		10.2	0.684	ug/L		11/05/25 09:14	11/05/25 22:24	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		11/05/25 09:14	11/05/25 22:24	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		11/05/25 09:14	11/05/25 22:24	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		11/05/25 09:14	11/05/25 22:24	1
Hexachloroethane	ND		10.2	0.541	ug/L		11/05/25 09:14	11/05/25 22:24	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/05/25 09:14	11/05/25 22:24	1
Isophorone	ND		10.2	0.816	ug/L		11/05/25 09:14	11/05/25 22:24	1
Naphthalene	ND		10.2	0.765	ug/L		11/05/25 09:14	11/05/25 22:24	1
Nitrobenzene	ND		10.2	0.612	ug/L		11/05/25 09:14	11/05/25 22:24	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		11/05/25 09:14	11/05/25 22:24	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Date Collected: 10/31/25 11:10

Matrix: Water

Date Received: 10/31/25 16:25

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		11/05/25 09:14	11/05/25 22:24	1
Pentachlorophenol	ND		10.2	2.86	ug/L		11/05/25 09:14	11/05/25 22:24	1
Phenanthrene	ND		10.2	0.755	ug/L		11/05/25 09:14	11/05/25 22:24	1
Phenol	ND		10.2	0.694	ug/L		11/05/25 09:14	11/05/25 22:24	1
Pyrene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/05/25 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	128		10 - 150	11/05/25 09:14	11/05/25 22:24	1
2-Fluorobiphenyl (Surr)	108		25 - 139	11/05/25 09:14	11/05/25 22:24	1
2-Fluorophenol (Surr)	95		10 - 150	11/05/25 09:14	11/05/25 22:24	1
Nitrobenzene-d5 (Surr)	145		22 - 150	11/05/25 09:14	11/05/25 22:24	1
Phenol-d5 (Surr)	97		10 - 150	11/05/25 09:14	11/05/25 22:24	1
Terphenyl-d14 (Surr)	65		28 - 150	11/05/25 09:14	11/05/25 22:24	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6.24		1.00	0.390	mg/L			11/10/25 22:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 02:54	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 02:54	1
Barium	26.0		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 02:54	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 02:54	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 08:26	11/14/25 02:54	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 02:54	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 02:54	1
Copper	4.70	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 02:54	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 02:54	1
Manganese	40.1		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 02:54	1
Nickel	1.20	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 02:54	1
Selenium	4.37	J B ^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 02:54	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 02:54	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 02:54	1
Vanadium	1.65	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 02:54	1
Zinc	9.60	J	10.0	8.91	ug/L		11/05/25 08:26	11/14/25 02:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/08/25 10:33	11/08/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:39	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0430	J F1	0.100	0.0100	mg/L			11/05/25 12:30	1
Nitrate as N (SM Nitrate by calc)	0.0430	J	0.100	0.0100	mg/L			11/05/25 07:28	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-4

Lab Sample ID: 752-38762-4

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 18:12	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 18:12	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 18:12	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 18:12	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 18:12	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 18:12	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 18:12	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 18:12	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 18:12	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 18:12	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 18:12	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 18:12	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 18:12	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 18:12	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 18:12	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 18:12	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 18:12	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 18:12	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 18:12	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 18:12	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 18:12	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 18:12	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 18:12	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 18:12	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 18:12	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 18:12	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 18:12	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 18:12	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 18:12	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 18:12	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 18:12	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 18:12	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 18:12	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 18:12	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/08/25 00:03	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 18:12	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 18:12	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 18:12	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 18:12	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 18:12	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 18:12	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 18:12	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-4

Lab Sample ID: 752-38762-4

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 18:12	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 18:12	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 18:12	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 18:12	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 18:12	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 18:12	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 18:12	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 18:12	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 18:12	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 18:12	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 18:12	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 18:12	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 18:12	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 18:12	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 18:12	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 18:12	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 18:12	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 18:12	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 18:12	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 18:12	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 18:12	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		11/06/25 18:12	1
4-Bromofluorobenzene	94		56 - 136		11/08/25 00:03	1
Dibromofluoromethane	98		79 - 130		11/06/25 18:12	1
Dibromofluoromethane	108		79 - 130		11/08/25 00:03	1
1,2-Dichloroethane-d4 (Surr)	108		59 - 146		11/06/25 18:12	1
1,2-Dichloroethane-d4 (Surr)	113		59 - 146		11/08/25 00:03	1
Toluene-d8 (Surr)	101		64 - 132		11/06/25 18:12	1
Toluene-d8 (Surr)	99		64 - 132		11/08/25 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.294	0.294	ug/L		11/05/25 15:11	11/06/25 16:40	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	24		10 - 140				11/05/25 15:11	11/06/25 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.429	ug/L		11/05/25 09:14	11/05/25 22:57	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		11/05/25 09:14	11/05/25 22:57	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/05/25 09:14	11/05/25 22:57	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		11/05/25 09:14	11/05/25 22:57	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		11/05/25 09:14	11/05/25 22:57	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		11/05/25 09:14	11/05/25 22:57	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		11/05/25 09:14	11/05/25 22:57	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-4

Lab Sample ID: 752-38762-4

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		11/05/25 09:14	11/05/25 22:57	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		11/05/25 09:14	11/05/25 22:57	1
2-Chlorophenol	ND		10.2	0.857	ug/L		11/05/25 09:14	11/05/25 22:57	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		11/05/25 09:14	11/05/25 22:57	1
2-Methylphenol	ND		10.2	0.776	ug/L		11/05/25 09:14	11/05/25 22:57	1
2-Nitroaniline	ND		10.2	1.40	ug/L		11/05/25 09:14	11/05/25 22:57	1
2-Nitrophenol	ND	+	10.2	1.19	ug/L		11/05/25 09:14	11/05/25 22:57	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		11/05/25 09:14	11/05/25 22:57	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		11/05/25 09:14	11/05/25 22:57	1
3-Nitroaniline	ND		10.2	0.969	ug/L		11/05/25 09:14	11/05/25 22:57	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		11/05/25 09:14	11/05/25 22:57	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		11/05/25 09:14	11/05/25 22:57	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		11/05/25 09:14	11/05/25 22:57	1
4-Chloroaniline	ND		10.2	0.592	ug/L		11/05/25 09:14	11/05/25 22:57	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		11/05/25 09:14	11/05/25 22:57	1
4-Nitroaniline	ND		10.2	3.57	ug/L		11/05/25 09:14	11/05/25 22:57	1
4-Nitrophenol	ND		10.2	2.80	ug/L		11/05/25 09:14	11/05/25 22:57	1
Acenaphthene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/05/25 22:57	1
Acenaphthylene	ND		10.2	0.776	ug/L		11/05/25 09:14	11/05/25 22:57	1
Acetophenone	ND		10.2	3.27	ug/L		11/05/25 09:14	11/05/25 22:57	1
Anthracene	ND		10.2	0.929	ug/L		11/05/25 09:14	11/05/25 22:57	1
Atrazine	ND		10.2	1.15	ug/L		11/05/25 09:14	11/05/25 22:57	1
Benzaldehyde	ND		10.2	0.684	ug/L		11/05/25 09:14	11/05/25 22:57	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/05/25 09:14	11/05/25 22:57	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/05/25 09:14	11/05/25 22:57	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/05/25 09:14	11/05/25 22:57	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/05/25 09:14	11/05/25 22:57	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/05/25 09:14	11/05/25 22:57	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		11/05/25 09:14	11/05/25 22:57	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		11/05/25 09:14	11/05/25 22:57	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		11/05/25 09:14	11/05/25 22:57	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:57	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:57	1
Caprolactam	ND		10.2	2.45	ug/L		11/05/25 09:14	11/05/25 22:57	1
Carbazole	ND		10.2	0.327	ug/L		11/05/25 09:14	11/05/25 22:57	1
Chrysene	ND		10.2	1.22	ug/L		11/05/25 09:14	11/05/25 22:57	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		11/05/25 09:14	11/05/25 22:57	1
Dibenzofuran	ND		10.2	0.653	ug/L		11/05/25 09:14	11/05/25 22:57	1
Diethyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:57	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:57	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		11/05/25 09:14	11/05/25 22:57	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/05/25 22:57	1
Fluoranthene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/05/25 22:57	1
Fluorene	ND		10.2	0.684	ug/L		11/05/25 09:14	11/05/25 22:57	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		11/05/25 09:14	11/05/25 22:57	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		11/05/25 09:14	11/05/25 22:57	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		11/05/25 09:14	11/05/25 22:57	1
Hexachloroethane	ND		10.2	0.541	ug/L		11/05/25 09:14	11/05/25 22:57	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/05/25 09:14	11/05/25 22:57	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-4

Lab Sample ID: 752-38762-4

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		10.2	0.816	ug/L		11/05/25 09:14	11/05/25 22:57	1
Naphthalene	ND		10.2	0.765	ug/L		11/05/25 09:14	11/05/25 22:57	1
Nitrobenzene	ND		10.2	0.612	ug/L		11/05/25 09:14	11/05/25 22:57	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		11/05/25 09:14	11/05/25 22:57	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		11/05/25 09:14	11/05/25 22:57	1
Pentachlorophenol	ND		10.2	2.86	ug/L		11/05/25 09:14	11/05/25 22:57	1
Phenanthrene	ND		10.2	0.755	ug/L		11/05/25 09:14	11/05/25 22:57	1
Phenol	ND		10.2	0.694	ug/L		11/05/25 09:14	11/05/25 22:57	1
Pyrene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/05/25 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	131		10 - 150	11/05/25 09:14	11/05/25 22:57	1
2-Fluorobiphenyl (Surr)	110		25 - 139	11/05/25 09:14	11/05/25 22:57	1
2-Fluorophenol (Surr)	97		10 - 150	11/05/25 09:14	11/05/25 22:57	1
Nitrobenzene-d5 (Surr)	150		22 - 150	11/05/25 09:14	11/05/25 22:57	1
Phenol-d5 (Surr)	99		10 - 150	11/05/25 09:14	11/05/25 22:57	1
Terphenyl-d14 (Surr)	65		28 - 150	11/05/25 09:14	11/05/25 22:57	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	5.99		1.00	0.390	mg/L			11/10/25 22:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 02:57	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 02:57	1
Barium	25.2		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 02:57	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 02:57	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 08:26	11/14/25 02:57	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 02:57	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 02:57	1
Copper	4.23	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 02:57	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 02:57	1
Manganese	38.0		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 02:57	1
Nickel	1.16	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 02:57	1
Selenium	3.65	J B ^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 02:57	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 02:57	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 02:57	1
Vanadium	1.40	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 02:57	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 08:26	11/14/25 02:57	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		11/08/25 10:33	11/08/25 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:42	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0400	J	0.100	0.0100	mg/L			11/05/25 12:35	1
Nitrate as N (SM Nitrate by calc)	0.0400	J	0.100	0.0100	mg/L			11/05/25 07:28	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 18:37	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 18:37	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 18:37	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 18:37	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 18:37	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 18:37	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 18:37	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 18:37	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 18:37	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 18:37	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 18:37	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 18:37	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 18:37	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 18:37	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 18:37	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 18:37	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 18:37	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 18:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 18:37	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 18:37	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 18:37	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 18:37	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 18:37	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 18:37	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 18:37	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 18:37	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 18:37	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 18:37	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 18:37	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 18:37	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 18:37	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 18:37	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 18:37	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 18:37	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 18:37	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 18:37	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 18:37	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 18:37	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 18:37	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 18:37	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 18:37	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 18:37	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 18:37	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 18:37	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 18:37	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 18:37	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 18:37	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 18:37	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 18:37	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 18:37	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 18:37	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 18:37	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 18:37	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 18:37	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 18:37	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 18:37	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 18:37	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 18:37	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 18:37	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 18:37	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 18:37	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 18:37	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 18:37	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		11/06/25 18:37	1
Dibromofluoromethane	98		79 - 130		11/06/25 18:37	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 18:37	1
Toluene-d8 (Surr)	100		64 - 132		11/06/25 18:37	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		0.300	0.300	ug/L		11/05/25 15:11	11/06/25 17:02	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	24		10 - 140				11/05/25 15:11	11/06/25 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.421	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		11/05/25 09:14	11/05/25 23:30	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		11/05/25 09:14	11/05/25 23:30	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		11/05/25 09:14	11/05/25 23:30	1
2-Chlorophenol	ND		10.0	0.843	ug/L		11/05/25 09:14	11/05/25 23:30	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		11/05/25 09:14	11/05/25 23:30	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.0	0.763	ug/L		11/05/25 09:14	11/05/25 23:30	1
2-Nitroaniline	ND		10.0	1.37	ug/L		11/05/25 09:14	11/05/25 23:30	1
2-Nitrophenol	ND	*+	10.0	1.17	ug/L		11/05/25 09:14	11/05/25 23:30	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		11/05/25 09:14	11/05/25 23:30	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		11/05/25 09:14	11/05/25 23:30	1
3-Nitroaniline	ND		10.0	0.953	ug/L		11/05/25 09:14	11/05/25 23:30	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		11/05/25 09:14	11/05/25 23:30	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		11/05/25 09:14	11/05/25 23:30	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		11/05/25 09:14	11/05/25 23:30	1
4-Chloroaniline	ND		10.0	0.582	ug/L		11/05/25 09:14	11/05/25 23:30	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		11/05/25 09:14	11/05/25 23:30	1
4-Nitroaniline	ND		10.0	3.51	ug/L		11/05/25 09:14	11/05/25 23:30	1
4-Nitrophenol	ND		10.0	2.75	ug/L		11/05/25 09:14	11/05/25 23:30	1
Acenaphthene	ND		10.0	0.632	ug/L		11/05/25 09:14	11/05/25 23:30	1
Acenaphthylene	ND		10.0	0.763	ug/L		11/05/25 09:14	11/05/25 23:30	1
Acetophenone	ND		10.0	3.21	ug/L		11/05/25 09:14	11/05/25 23:30	1
Anthracene	ND		10.0	0.913	ug/L		11/05/25 09:14	11/05/25 23:30	1
Atrazine	ND		10.0	1.13	ug/L		11/05/25 09:14	11/05/25 23:30	1
Benzaldehyde	ND		10.0	0.672	ug/L		11/05/25 09:14	11/05/25 23:30	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		11/05/25 09:14	11/05/25 23:30	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		11/05/25 09:14	11/05/25 23:30	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		11/05/25 09:14	11/05/25 23:30	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		11/05/25 09:14	11/05/25 23:30	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		11/05/25 09:14	11/05/25 23:30	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		11/05/25 09:14	11/05/25 23:30	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		11/05/25 09:14	11/05/25 23:30	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		11/05/25 09:14	11/05/25 23:30	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		11/05/25 09:14	11/05/25 23:30	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		11/05/25 09:14	11/05/25 23:30	1
Caprolactam	ND		10.0	2.41	ug/L		11/05/25 09:14	11/05/25 23:30	1
Carbazole	ND		10.0	0.321	ug/L		11/05/25 09:14	11/05/25 23:30	1
Chrysene	ND		10.0	1.20	ug/L		11/05/25 09:14	11/05/25 23:30	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		11/05/25 09:14	11/05/25 23:30	1
Dibenzofuran	ND		10.0	0.642	ug/L		11/05/25 09:14	11/05/25 23:30	1
Diethyl phthalate	ND		10.0	4.01	ug/L		11/05/25 09:14	11/05/25 23:30	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		11/05/25 09:14	11/05/25 23:30	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		11/05/25 09:14	11/05/25 23:30	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		11/05/25 09:14	11/05/25 23:30	1
Fluoranthene	ND		10.0	0.632	ug/L		11/05/25 09:14	11/05/25 23:30	1
Fluorene	ND		10.0	0.672	ug/L		11/05/25 09:14	11/05/25 23:30	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		11/05/25 09:14	11/05/25 23:30	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		11/05/25 09:14	11/05/25 23:30	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		11/05/25 09:14	11/05/25 23:30	1
Hexachloroethane	ND		10.0	0.532	ug/L		11/05/25 09:14	11/05/25 23:30	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		11/05/25 09:14	11/05/25 23:30	1
Isophorone	ND		10.0	0.803	ug/L		11/05/25 09:14	11/05/25 23:30	1
Naphthalene	ND		10.0	0.753	ug/L		11/05/25 09:14	11/05/25 23:30	1
Nitrobenzene	ND		10.0	0.602	ug/L		11/05/25 09:14	11/05/25 23:30	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		11/05/25 09:14	11/05/25 23:30	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		11/05/25 09:14	11/05/25 23:30	1
Pentachlorophenol	ND		10.0	2.81	ug/L		11/05/25 09:14	11/05/25 23:30	1
Phenanthrene	ND		10.0	0.742	ug/L		11/05/25 09:14	11/05/25 23:30	1
Phenol	ND		10.0	0.682	ug/L		11/05/25 09:14	11/05/25 23:30	1
Pyrene	ND		10.0	0.632	ug/L		11/05/25 09:14	11/05/25 23:30	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	142		10 - 150				11/05/25 09:14	11/05/25 23:30	1
2-Fluorobiphenyl (Surr)	108		25 - 139				11/05/25 09:14	11/05/25 23:30	1
2-Fluorophenol (Surr)	98		10 - 150				11/05/25 09:14	11/05/25 23:30	1
Nitrobenzene-d5 (Surr)	151	S1+	22 - 150				11/05/25 09:14	11/05/25 23:30	1
Phenol-d5 (Surr)	93		10 - 150				11/05/25 09:14	11/05/25 23:30	1
Terphenyl-d14 (Surr)	78		28 - 150				11/05/25 09:14	11/05/25 23:30	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6.18		1.00	0.390	mg/L			11/10/25 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 03:00	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 03:00	1
Barium	25.9		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 03:00	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 03:00	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 08:26	11/14/25 03:00	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 03:00	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 03:00	1
Copper	4.70	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 03:00	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 03:00	1
Manganese	39.2		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 03:00	1
Nickel	0.973	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 03:00	1
Selenium	4.04	J B ^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 03:00	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 03:00	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 03:00	1
Vanadium	1.85	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 03:00	1
Zinc	9.81	J	10.0	8.91	ug/L		11/05/25 08:26	11/14/25 03:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/08/25 10:33	11/08/25 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:55	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0470	J	0.100	0.0100	mg/L			11/05/25 12:37	1
Nitrate as N (SM Nitrate by calc)	0.0470	J	0.100	0.0100	mg/L			11/05/25 07:28	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-5

Lab Sample ID: 752-38762-6

Date Collected: 10/31/25 13:25

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 19:02	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 19:02	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 19:02	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 19:02	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 19:02	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 19:02	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 19:02	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 19:02	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 19:02	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 19:02	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 19:02	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 19:02	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 19:02	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 19:02	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 19:02	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 19:02	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 19:02	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 19:02	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 19:02	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 19:02	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 19:02	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 19:02	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 19:02	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 19:02	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 19:02	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 19:02	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 19:02	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 19:02	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 19:02	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 19:02	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 19:02	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 19:02	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 19:02	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 19:02	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 19:02	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 19:02	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 19:02	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 19:02	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 19:02	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 19:02	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 19:02	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 19:02	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-5

Lab Sample ID: 752-38762-6

Date Collected: 10/31/25 13:25

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 19:02	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 19:02	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 19:02	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 19:02	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 19:02	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 19:02	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 19:02	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 19:02	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 19:02	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 19:02	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 19:02	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 19:02	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 19:02	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 19:02	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 19:02	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 19:02	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 19:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 19:02	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 19:02	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 19:02	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 19:02	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 19:02	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		56 - 136		11/06/25 19:02	1
Dibromofluoromethane	97		79 - 130		11/06/25 19:02	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 19:02	1
Toluene-d8 (Surr)	100		64 - 132		11/06/25 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.287	0.287	ug/L		11/05/25 15:11	11/06/25 17:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		10 - 140				11/05/25 15:11	11/06/25 17:23	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		10.2	0.429	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		11/05/25 09:14	11/06/25 00:03	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		11/05/25 09:14	11/06/25 00:03	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		11/05/25 09:14	11/06/25 00:03	1
2-Chlorophenol	ND		10.2	0.857	ug/L		11/05/25 09:14	11/06/25 00:03	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		11/05/25 09:14	11/06/25 00:03	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-5

Lab Sample ID: 752-38762-6

Date Collected: 10/31/25 13:25

Matrix: Water

Date Received: 10/31/25 16:25

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		11/05/25 09:14	11/06/25 00:03	1
2-Nitroaniline	ND		10.2	1.40	ug/L		11/05/25 09:14	11/06/25 00:03	1
2-Nitrophenol	ND	*+	10.2	1.19	ug/L		11/05/25 09:14	11/06/25 00:03	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		11/05/25 09:14	11/06/25 00:03	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		11/05/25 09:14	11/06/25 00:03	1
3-Nitroaniline	ND		10.2	0.969	ug/L		11/05/25 09:14	11/06/25 00:03	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		11/05/25 09:14	11/06/25 00:03	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		11/05/25 09:14	11/06/25 00:03	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		11/05/25 09:14	11/06/25 00:03	1
4-Chloroaniline	ND		10.2	0.592	ug/L		11/05/25 09:14	11/06/25 00:03	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		11/05/25 09:14	11/06/25 00:03	1
4-Nitroaniline	ND		10.2	3.57	ug/L		11/05/25 09:14	11/06/25 00:03	1
4-Nitrophenol	ND		10.2	2.80	ug/L		11/05/25 09:14	11/06/25 00:03	1
Acenaphthene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/06/25 00:03	1
Acenaphthylene	ND		10.2	0.776	ug/L		11/05/25 09:14	11/06/25 00:03	1
Acetophenone	ND		10.2	3.27	ug/L		11/05/25 09:14	11/06/25 00:03	1
Anthracene	ND		10.2	0.929	ug/L		11/05/25 09:14	11/06/25 00:03	1
Atrazine	ND		10.2	1.15	ug/L		11/05/25 09:14	11/06/25 00:03	1
Benzaldehyde	ND		10.2	0.684	ug/L		11/05/25 09:14	11/06/25 00:03	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		11/05/25 09:14	11/06/25 00:03	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		11/05/25 09:14	11/06/25 00:03	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		11/05/25 09:14	11/06/25 00:03	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		11/05/25 09:14	11/06/25 00:03	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		11/05/25 09:14	11/06/25 00:03	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		11/05/25 09:14	11/06/25 00:03	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		11/05/25 09:14	11/06/25 00:03	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		11/05/25 09:14	11/06/25 00:03	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/06/25 00:03	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/06/25 00:03	1
Caprolactam	ND		10.2	2.45	ug/L		11/05/25 09:14	11/06/25 00:03	1
Carbazole	ND		10.2	0.327	ug/L		11/05/25 09:14	11/06/25 00:03	1
Chrysene	ND		10.2	1.22	ug/L		11/05/25 09:14	11/06/25 00:03	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		11/05/25 09:14	11/06/25 00:03	1
Dibenzofuran	ND		10.2	0.653	ug/L		11/05/25 09:14	11/06/25 00:03	1
Diethyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/06/25 00:03	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/06/25 00:03	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		11/05/25 09:14	11/06/25 00:03	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		11/05/25 09:14	11/06/25 00:03	1
Fluoranthene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/06/25 00:03	1
Fluorene	ND		10.2	0.684	ug/L		11/05/25 09:14	11/06/25 00:03	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		11/05/25 09:14	11/06/25 00:03	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		11/05/25 09:14	11/06/25 00:03	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		11/05/25 09:14	11/06/25 00:03	1
Hexachloroethane	ND		10.2	0.541	ug/L		11/05/25 09:14	11/06/25 00:03	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		11/05/25 09:14	11/06/25 00:03	1
Isophorone	ND		10.2	0.816	ug/L		11/05/25 09:14	11/06/25 00:03	1
Naphthalene	ND		10.2	0.765	ug/L		11/05/25 09:14	11/06/25 00:03	1
Nitrobenzene	ND		10.2	0.612	ug/L		11/05/25 09:14	11/06/25 00:03	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		11/05/25 09:14	11/06/25 00:03	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-5

Lab Sample ID: 752-38762-6

Date Collected: 10/31/25 13:25

Matrix: Water

Date Received: 10/31/25 16:25

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		11/05/25 09:14	11/06/25 00:03	1
Pentachlorophenol	ND		10.2	2.86	ug/L		11/05/25 09:14	11/06/25 00:03	1
Phenanthrene	ND		10.2	0.755	ug/L		11/05/25 09:14	11/06/25 00:03	1
Phenol	ND		10.2	0.694	ug/L		11/05/25 09:14	11/06/25 00:03	1
Pyrene	ND		10.2	0.643	ug/L		11/05/25 09:14	11/06/25 00:03	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	129		10 - 150				11/05/25 09:14	11/06/25 00:03	1
2-Fluorobiphenyl (Surr)	109		25 - 139				11/05/25 09:14	11/06/25 00:03	1
2-Fluorophenol (Surr)	98		10 - 150				11/05/25 09:14	11/06/25 00:03	1
Nitrobenzene-d5 (Surr)	152	S1+	22 - 150				11/05/25 09:14	11/06/25 00:03	1
Phenol-d5 (Surr)	94		10 - 150				11/05/25 09:14	11/06/25 00:03	1
Terphenyl-d14 (Surr)	66		28 - 150				11/05/25 09:14	11/06/25 00:03	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6.19		1.00	0.390	mg/L			11/10/25 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 03:23	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 03:23	1
Barium	25.7		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 03:23	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 03:23	1
Cadmium	0.380	J	0.700	0.237	ug/L		11/05/25 08:26	11/14/25 03:23	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 03:23	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 03:23	1
Copper	4.35	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 03:23	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 03:23	1
Manganese	43.2		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 03:23	1
Nickel	1.49	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 03:23	1
Selenium	ND	^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 03:23	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 03:23	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 03:23	1
Vanadium	1.54	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 03:23	1
Zinc	9.26	J	10.0	8.91	ug/L		11/05/25 08:26	11/14/25 03:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 18:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 16:58	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0350	J	0.100	0.0100	mg/L			11/05/25 12:39	1
Nitrate as N (SM Nitrate by calc)	0.0350	J	0.100	0.0100	mg/L			11/05/25 07:28	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-6

Lab Sample ID: 752-38762-7

Date Collected: 10/31/25 14:15

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 19:27	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 19:27	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 19:27	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 19:27	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 19:27	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 19:27	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 19:27	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 19:27	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 19:27	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 19:27	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 19:27	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 19:27	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 19:27	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 19:27	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 19:27	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 19:27	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 19:27	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 19:27	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 19:27	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 19:27	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 19:27	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 19:27	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 19:27	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 19:27	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 19:27	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 19:27	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 19:27	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 19:27	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 19:27	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 19:27	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 19:27	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 19:27	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 19:27	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 19:27	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 19:27	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 19:27	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 19:27	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 19:27	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 19:27	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 19:27	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 19:27	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-6

Lab Sample ID: 752-38762-7

Date Collected: 10/31/25 14:15

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 19:27	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 19:27	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 19:27	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 19:27	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 19:27	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 19:27	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 19:27	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 19:27	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 19:27	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 19:27	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 19:27	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 19:27	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 19:27	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 19:27	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 19:27	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 19:27	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 19:27	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 19:27	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 19:27	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 19:27	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 19:27	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/06/25 19:27	1
Dibromofluoromethane	98		79 - 130		11/06/25 19:27	1
1,2-Dichloroethane-d4 (Surr)	108		59 - 146		11/06/25 19:27	1
Toluene-d8 (Surr)	101		64 - 132		11/06/25 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.296	0.296	ug/L		11/05/25 15:11	11/06/25 17:45	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	27		10 - 140				11/05/25 15:11	11/06/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.1	0.424	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,4,5-Trichlorophenol	ND		10.1	0.545	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,4-Dichlorophenol	ND		10.1	0.576	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,4-Dimethylphenol	ND		10.1	0.242	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,4-Dinitrophenol	ND		30.3	4.73	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,4-Dinitrotoluene	ND		10.1	0.657	ug/L		11/05/25 09:14	11/06/25 00:35	1
2,6-Dinitrotoluene	ND		10.1	0.293	ug/L		11/05/25 09:14	11/06/25 00:35	1
2-Chloronaphthalene	ND		10.1	0.384	ug/L		11/05/25 09:14	11/06/25 00:35	1
2-Chlorophenol	ND		10.1	0.848	ug/L		11/05/25 09:14	11/06/25 00:35	1
2-Methylnaphthalene	ND		10.1	0.818	ug/L		11/05/25 09:14	11/06/25 00:35	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-6

Lab Sample ID: 752-38762-7

Date Collected: 10/31/25 14:15

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10.1	0.768	ug/L		11/05/25 09:14	11/06/25 00:35	1
2-Nitroaniline	ND		10.1	1.38	ug/L		11/05/25 09:14	11/06/25 00:35	1
2-Nitrophenol	ND	*+	10.1	1.18	ug/L		11/05/25 09:14	11/06/25 00:35	1
3 & 4 Methylphenol	ND		20.2	4.65	ug/L		11/05/25 09:14	11/06/25 00:35	1
3,3'-Dichlorobenzidine	ND		11.1	0.414	ug/L		11/05/25 09:14	11/06/25 00:35	1
3-Nitroaniline	ND		10.1	0.960	ug/L		11/05/25 09:14	11/06/25 00:35	1
4,6-Dinitro-2-methylphenol	ND		10.1	1.99	ug/L		11/05/25 09:14	11/06/25 00:35	1
4-Bromophenyl phenyl ether	ND		10.1	0.131	ug/L		11/05/25 09:14	11/06/25 00:35	1
4-Chloro-3-methylphenol	ND		10.1	0.737	ug/L		11/05/25 09:14	11/06/25 00:35	1
4-Chloroaniline	ND		10.1	0.586	ug/L		11/05/25 09:14	11/06/25 00:35	1
4-Chlorophenyl phenyl ether	ND		10.1	0.242	ug/L		11/05/25 09:14	11/06/25 00:35	1
4-Nitroaniline	ND		10.1	3.54	ug/L		11/05/25 09:14	11/06/25 00:35	1
4-Nitrophenol	ND		10.1	2.77	ug/L		11/05/25 09:14	11/06/25 00:35	1
Acenaphthene	ND		10.1	0.636	ug/L		11/05/25 09:14	11/06/25 00:35	1
Acenaphthylene	ND		10.1	0.768	ug/L		11/05/25 09:14	11/06/25 00:35	1
Acetophenone	ND		10.1	3.23	ug/L		11/05/25 09:14	11/06/25 00:35	1
Anthracene	ND		10.1	0.919	ug/L		11/05/25 09:14	11/06/25 00:35	1
Atrazine	ND		10.1	1.14	ug/L		11/05/25 09:14	11/06/25 00:35	1
Benzaldehyde	ND		10.1	0.677	ug/L		11/05/25 09:14	11/06/25 00:35	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		11/05/25 09:14	11/06/25 00:35	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		11/05/25 09:14	11/06/25 00:35	1
Benzo[b]fluoranthene	ND		10.1	1.21	ug/L		11/05/25 09:14	11/06/25 00:35	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		11/05/25 09:14	11/06/25 00:35	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		11/05/25 09:14	11/06/25 00:35	1
bis (2-chloroisopropyl) ether	ND		10.1	0.939	ug/L		11/05/25 09:14	11/06/25 00:35	1
Bis(2-chloroethoxy)methane	ND		10.1	0.343	ug/L		11/05/25 09:14	11/06/25 00:35	1
Bis(2-chloroethyl)ether	ND		10.1	0.737	ug/L		11/05/25 09:14	11/06/25 00:35	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.04	ug/L		11/05/25 09:14	11/06/25 00:35	1
Butyl benzyl phthalate	ND		10.1	4.04	ug/L		11/05/25 09:14	11/06/25 00:35	1
Caprolactam	ND		10.1	2.42	ug/L		11/05/25 09:14	11/06/25 00:35	1
Carbazole	ND		10.1	0.323	ug/L		11/05/25 09:14	11/06/25 00:35	1
Chrysene	ND		10.1	1.21	ug/L		11/05/25 09:14	11/06/25 00:35	1
Dibenz(a,h)anthracene	ND		10.1	1.31	ug/L		11/05/25 09:14	11/06/25 00:35	1
Dibenzofuran	ND		10.1	0.646	ug/L		11/05/25 09:14	11/06/25 00:35	1
Diethyl phthalate	ND		10.1	4.04	ug/L		11/05/25 09:14	11/06/25 00:35	1
Dimethyl phthalate	ND		10.1	4.04	ug/L		11/05/25 09:14	11/06/25 00:35	1
Di-n-butyl phthalate	ND		10.1	8.27	ug/L		11/05/25 09:14	11/06/25 00:35	1
Di-n-octyl phthalate	ND		10.1	4.04	ug/L		11/05/25 09:14	11/06/25 00:35	1
Fluoranthene	ND		10.1	0.636	ug/L		11/05/25 09:14	11/06/25 00:35	1
Fluorene	ND		10.1	0.677	ug/L		11/05/25 09:14	11/06/25 00:35	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		11/05/25 09:14	11/06/25 00:35	1
Hexachlorobutadiene	ND		10.1	0.556	ug/L		11/05/25 09:14	11/06/25 00:35	1
Hexachlorocyclopentadiene	ND		20.2	0.323	ug/L		11/05/25 09:14	11/06/25 00:35	1
Hexachloroethane	ND		10.1	0.535	ug/L		11/05/25 09:14	11/06/25 00:35	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		11/05/25 09:14	11/06/25 00:35	1
Isophorone	ND		10.1	0.808	ug/L		11/05/25 09:14	11/06/25 00:35	1
Naphthalene	ND		10.1	0.758	ug/L		11/05/25 09:14	11/06/25 00:35	1
Nitrobenzene	ND		10.1	0.606	ug/L		11/05/25 09:14	11/06/25 00:35	1
N-Nitrosodi-n-propylamine	ND		10.1	0.333	ug/L		11/05/25 09:14	11/06/25 00:35	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: SW-6

Lab Sample ID: 752-38762-7

Date Collected: 10/31/25 14:15

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		10.1	0.192	ug/L		11/05/25 09:14	11/06/25 00:35	1
Pentachlorophenol	ND		10.1	2.83	ug/L		11/05/25 09:14	11/06/25 00:35	1
Phenanthrene	ND		10.1	0.747	ug/L		11/05/25 09:14	11/06/25 00:35	1
Phenol	ND		10.1	0.687	ug/L		11/05/25 09:14	11/06/25 00:35	1
Pyrene	ND		10.1	0.636	ug/L		11/05/25 09:14	11/06/25 00:35	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	159	S1+	10 - 150				11/05/25 09:14	11/06/25 00:35	1
2-Fluorobiphenyl (Surr)	117		25 - 139				11/05/25 09:14	11/06/25 00:35	1
2-Fluorophenol (Surr)	94		10 - 150				11/05/25 09:14	11/06/25 00:35	1
Nitrobenzene-d5 (Surr)	164	S1+	22 - 150				11/05/25 09:14	11/06/25 00:35	1
Phenol-d5 (Surr)	78		10 - 150				11/05/25 09:14	11/06/25 00:35	1
Terphenyl-d14 (Surr)	81		28 - 150				11/05/25 09:14	11/06/25 00:35	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6.32		1.00	0.390	mg/L			11/10/25 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 03:26	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 03:26	1
Barium	26.3		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 03:26	1
Beryllium	ND	^+	1.00	0.147	ug/L		11/05/25 08:26	11/14/25 03:26	1
Cadmium	0.390	J	0.700	0.237	ug/L		11/05/25 08:26	11/14/25 03:26	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 03:26	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 03:26	1
Copper	4.43	B	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 03:26	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 03:26	1
Manganese	32.4		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 03:26	1
Nickel	1.34	J	5.00	0.422	ug/L		11/05/25 08:26	11/14/25 03:26	1
Selenium	ND	^+	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 03:26	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 03:26	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 03:26	1
Vanadium	1.49	J	5.00	1.22	ug/L		11/05/25 08:26	11/14/25 03:26	1
Zinc	9.73	J	10.0	8.91	ug/L		11/05/25 08:26	11/14/25 03:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 18:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (MCAWW 350.1-1993 R2.0)	ND		0.250	0.100	mg/L			11/04/25 17:00	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	0.0300	J	0.100	0.0100	mg/L			11/05/25 12:41	1
Nitrate as N (SM Nitrate by calc)	0.0300	J	0.100	0.0100	mg/L			11/05/25 07:28	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38762-8

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 19:51	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 19:51	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 19:51	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 19:51	1
Bromomethane	ND	+	1.00	0.980	ug/L			11/06/25 19:51	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 19:51	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 19:51	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 19:51	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 19:51	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 19:51	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 19:51	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 19:51	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 19:51	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 19:51	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 19:51	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 19:51	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 19:51	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 19:51	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 19:51	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 19:51	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 19:51	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 19:51	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 19:51	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 19:51	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 19:51	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 19:51	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 19:51	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 19:51	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 19:51	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 19:51	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 19:51	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 19:51	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 19:51	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 19:51	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 19:51	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 19:51	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 19:51	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 19:51	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 19:51	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 19:51	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 19:51	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 19:51	1

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Client Sample Results

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

Job ID: 752-38762-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38762-8

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 19:51	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 19:51	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 19:51	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 19:51	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 19:51	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 19:51	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 19:51	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 19:51	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 19:51	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 19:51	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 19:51	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 19:51	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 19:51	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 19:51	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 19:51	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 19:51	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 19:51	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 19:51	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 19:51	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 19:51	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 19:51	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		56 - 136		11/06/25 19:51	1
Dibromofluoromethane	98		79 - 130		11/06/25 19:51	1
1,2-Dichloroethane-d4 (Surr)	107		59 - 146		11/06/25 19:51	1
Toluene-d8 (Surr)	100		64 - 132		11/06/25 19:51	1

Surrogate Summary

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

Job ID: 752-38762-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (56-136)	DBFM (79-130)	DCA (59-146)	TOL (64-132)
752-38762-1	SW-1	103	97	107	101
752-38762-2	SW-2	105	96	109	103
752-38762-3	SW-3	104	98	108	102
752-38762-4	SW-4	106	98	108	101
752-38762-4	SW-4	94	108	113	99
752-38762-5	SW-DUP	106	98	107	100
752-38762-6	SW-5	106	97	107	100
752-38762-7	SW-6	107	98	108	101
752-38762-8	Trip Blank	107	98	107	100
LCS 400-729595/1003	Lab Control Sample	92	97	103	97
LCS 400-729745/1002	Lab Control Sample	97	104	115	100
MB 400-729595/5	Method Blank	99	98	109	101
MB 400-729745/5	Method Blank	99	104	111	102

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (10-150)	FBP (25-139)	2FP (10-150)	NBZ (22-150)	PHL (10-150)	TPHL (28-150)
752-38762-1	SW-1	130	103	98	148	102	59
752-38762-2	SW-2	129	111	102	161 S1+	105	66
752-38762-3	SW-3	128	108	95	145	97	65
752-38762-4	SW-4	131	110	97	150	99	65
752-38762-5	SW-DUP	142	108	98	151 S1+	93	78
752-38762-6	SW-5	129	109	98	152 S1+	94	66
752-38762-7	SW-6	159 S1+	117	94	164 S1+	78	81
LCS 400-729370/2-A	Lab Control Sample	115	85	57	116	45	82
MB 400-729370/1-A	Method Blank	122	82	60	118	46	83

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: 752-38762-1

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

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE					
		(10-140)					
752-38762-1	SW-1	23					
752-38762-2	SW-2	22					
752-38762-3	SW-3	24					
752-38762-4	SW-4	24					
752-38762-5	SW-DUP	24					
752-38762-6	SW-5	28					
752-38762-7	SW-6	27					
LCS 400-729500/2-A	Lab Control Sample	25					
LCSD 400-729500/3-A	Lab Control Sample Dup	27					
MB 400-729500/1-A	Method Blank	29					

Surrogate Legend

DXE = 1,4-Dioxane-d8

QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: MB 400-729595/5

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/06/25 12:56	1
Benzene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Bromobenzene	ND		1.00	0.540	ug/L			11/06/25 12:56	1
Bromoform	ND		5.00	0.250	ug/L			11/06/25 12:56	1
Bromomethane	ND		1.00	0.980	ug/L			11/06/25 12:56	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/06/25 12:56	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/06/25 12:56	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/06/25 12:56	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/06/25 12:56	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/06/25 12:56	1
Chloroethane	ND		1.00	0.760	ug/L			11/06/25 12:56	1
Chloroform	ND		1.00	0.900	ug/L			11/06/25 12:56	1
Chloromethane	ND		1.00	0.840	ug/L			11/06/25 12:56	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/06/25 12:56	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/06/25 12:56	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/06/25 12:56	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/06/25 12:56	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/06/25 12:56	1
Dibromomethane	ND		5.00	0.220	ug/L			11/06/25 12:56	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/06/25 12:56	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/06/25 12:56	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/06/25 12:56	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/06/25 12:56	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/06/25 12:56	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/06/25 12:56	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/06/25 12:56	1
Hexane	ND		1.00	0.960	ug/L			11/06/25 12:56	1
2-Hexanone	ND		25.0	9.10	ug/L			11/06/25 12:56	1
Iodomethane	ND		1.00	0.900	ug/L			11/06/25 12:56	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/06/25 12:56	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/06/25 12:56	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/06/25 12:56	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/06/25 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/06/25 12:56	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/06/25 12:56	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/06/25 12:56	1
Naphthalene	ND		5.00	3.00	ug/L			11/06/25 12:56	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/06/25 12:56	1
n-Heptane	ND		1.00	0.690	ug/L			11/06/25 12:56	1

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: MB 400-729595/5

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.690	ug/L			11/06/25 12:56	1
o-Xylene	ND		5.00	3.00	ug/L			11/06/25 12:56	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/06/25 12:56	1
Styrene	ND		1.00	1.00	ug/L			11/06/25 12:56	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/06/25 12:56	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/06/25 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/06/25 12:56	1
Toluene	ND		1.00	0.900	ug/L			11/06/25 12:56	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/06/25 12:56	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/06/25 12:56	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/06/25 12:56	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/06/25 12:56	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/06/25 12:56	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/06/25 12:56	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/06/25 12:56	1
Trichloroethene	ND		1.00	0.480	ug/L			11/06/25 12:56	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/06/25 12:56	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/06/25 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/06/25 12:56	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/06/25 12:56	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/06/25 12:56	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/06/25 12:56	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/06/25 12:56	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/06/25 12:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		56 - 136		11/06/25 12:56	1
Dibromofluoromethane	98		79 - 130		11/06/25 12:56	1
1,2-Dichloroethane-d4 (Surr)	109		59 - 146		11/06/25 12:56	1
Toluene-d8 (Surr)	101		64 - 132		11/06/25 12:56	1

Lab Sample ID: LCS 400-729595/1003

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	255.1		ug/L		128	43 - 150
Benzene	50.0	52.99		ug/L		106	70 - 130
Bromobenzene	50.0	50.45		ug/L		101	70 - 132
Bromoform	50.0	49.79		ug/L		100	57 - 140
Bromomethane	50.0	124.5	*+	ug/L		249	10 - 150
2-Butanone (MEK)	200	263.5		ug/L		132	61 - 145
Carbon disulfide	50.0	48.41		ug/L		97	61 - 137
Carbon tetrachloride	50.0	51.31		ug/L		103	61 - 137
Chlorobenzene	50.0	53.27		ug/L		107	70 - 130
Chlorobromomethane	50.0	49.98		ug/L		100	70 - 130
Chlorodibromomethane	50.0	51.23		ug/L		102	67 - 135

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: LCS 400-729595/1003

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	50.0	67.61		ug/L		135	55 - 141
Chloroform	50.0	52.68		ug/L		105	69 - 130
Chloromethane	50.0	47.71		ug/L		95	58 - 137
2-Chlorotoluene	50.0	50.09		ug/L		100	70 - 130
4-Chlorotoluene	50.0	58.27		ug/L		117	70 - 130
cis-1,2-Dichloroethene	50.0	51.47		ug/L		103	68 - 130
cis-1,3-Dichloropropene	50.0	49.43		ug/L		99	69 - 132
1,2-Dibromo-3-Chloropropane	50.0	41.38		ug/L		83	54 - 135
Dibromomethane	50.0	50.80		ug/L		102	70 - 130
1,2-Dichlorobenzene	50.0	52.52		ug/L		105	67 - 130
1,3-Dichlorobenzene	50.0	54.39		ug/L		109	70 - 130
1,4-Dichlorobenzene	50.0	54.25		ug/L		109	70 - 130
Dichlorobromomethane	50.0	51.85		ug/L		104	67 - 133
1,1-Dichloroethane	50.0	51.42		ug/L		103	70 - 130
1,2-Dichloroethane	50.0	53.86		ug/L		108	69 - 130
1,1-Dichloroethene	50.0	48.52		ug/L		97	63 - 134
1,2-Dichloropropane	50.0	53.76		ug/L		108	70 - 130
1,3-Dichloropropane	50.0	51.27		ug/L		103	70 - 130
2,2-Dichloropropane	50.0	49.09		ug/L		98	52 - 135
1,1-Dichloropropene	50.0	52.60		ug/L		105	70 - 130
Ethyl acetate	100	82.79		ug/L		83	34 - 150
Ethylbenzene	50.0	55.15		ug/L		110	70 - 130
Ethylene Dibromide	50.0	49.06		ug/L		98	70 - 130
Hexachlorobutadiene	50.0	60.35		ug/L		121	53 - 140
Hexane	50.0	49.24		ug/L		98	69 - 130
2-Hexanone	200	266.5		ug/L		133	65 - 137
Iodomethane	50.0	18.10		ug/L		36	27 - 150
Isopropylbenzene	50.0	54.86		ug/L		110	70 - 130
Isopropyl ether	20.0	19.76		ug/L		99	64 - 132
4-Isopropyltoluene	50.0	58.74		ug/L		117	65 - 130
Methylene Chloride	50.0	43.62		ug/L		87	66 - 135
4-Methyl-2-pentanone (MIBK)	200	210.4		ug/L		105	69 - 138
Methyl tert-butyl ether	50.0	45.91		ug/L		92	66 - 130
m-Xylene & p-Xylene	50.0	54.03		ug/L		108	70 - 130
Naphthalene	50.0	45.88		ug/L		92	47 - 149
n-Butylbenzene	50.0	55.34		ug/L		111	67 - 130
n-Heptane	50.0	53.90		ug/L		108	70 - 130
N-Propylbenzene	50.0	55.49		ug/L		111	70 - 130
o-Xylene	50.0	54.69		ug/L		109	70 - 130
sec-Butylbenzene	50.0	59.21		ug/L		118	66 - 130
Styrene	50.0	54.34		ug/L		109	70 - 130
tert-Butylbenzene	50.0	57.04		ug/L		114	64 - 139
1,1,1,2-Tetrachloroethane	50.0	53.27		ug/L		107	67 - 131
1,1,2,2-Tetrachloroethane	50.0	50.93		ug/L		102	70 - 131
Tetrachloroethene	50.0	53.20		ug/L		106	65 - 130
Toluene	50.0	52.04		ug/L		104	70 - 130
trans-1,4-Dichloro-2-butene	50.0	51.11		ug/L		102	57 - 140
trans-1,2-Dichloroethene	50.0	51.23		ug/L		102	70 - 130
trans-1,3-Dichloropropene	50.0	49.83		ug/L		100	63 - 130

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: LCS 400-729595/1003

Matrix: Water

Analysis Batch: 729595

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	50.0	51.45		ug/L		103	60 - 138
1,2,4-Trichlorobenzene	50.0	52.39		ug/L		105	60 - 140
1,1,1-Trichloroethane	50.0	50.03		ug/L		100	68 - 130
1,1,2-Trichloroethane	50.0	51.08		ug/L		102	70 - 130
Trichloroethene	50.0	49.91		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	53.89		ug/L		108	65 - 138
1,2,3-Trichloropropane	50.0	50.05		ug/L		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.33		ug/L		97	60 - 139
1,2,4-Trimethylbenzene	50.0	57.61		ug/L		115	70 - 130
1,3,5-Trimethylbenzene	50.0	57.18		ug/L		114	69 - 130
Vinyl acetate	100	108.3		ug/L		108	26 - 150
Vinyl chloride	50.0	52.90		ug/L		106	59 - 136
Xylenes, Total	100	108.7		ug/L		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	92		56 - 136
Dibromofluoromethane	97		79 - 130
1,2-Dichloroethane-d4 (Surr)	103		59 - 146
Toluene-d8 (Surr)	97		64 - 132

Lab Sample ID: MB 400-729745/5

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methylene Chloride	ND		5.00	4.00	ug/L			11/07/25 15:06	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene	99		56 - 136					11/07/25 15:06	1
Dibromofluoromethane	104		79 - 130					11/07/25 15:06	1
1,2-Dichloroethane-d4 (Surr)	111		59 - 146					11/07/25 15:06	1
Toluene-d8 (Surr)	102		64 - 132					11/07/25 15:06	1

Lab Sample ID: LCS 400-729745/1002

Matrix: Water

Analysis Batch: 729745

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	42.71		ug/L		85	66 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene	97		56 - 136				
Dibromofluoromethane	104		79 - 130				
1,2-Dichloroethane-d4 (Surr)	115		59 - 146				
Toluene-d8 (Surr)	100		64 - 132				

QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: MB 400-729370/1-A

Matrix: Water

Analysis Batch: 729433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.00	0.378	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,4,5-Trichlorophenol	ND		9.00	0.486	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,4,6-Trichlorophenol	ND		9.00	0.981	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,4-Dichlorophenol	ND		9.00	0.513	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,4-Dimethylphenol	ND		9.00	0.216	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,4-Dinitrophenol	ND		27.0	4.21	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,4-Dinitrotoluene	ND		9.00	0.585	ug/L		11/04/25 14:47	11/05/25 15:14	1
2,6-Dinitrotoluene	ND		9.00	0.261	ug/L		11/04/25 14:47	11/05/25 15:14	1
2-Chloronaphthalene	ND		9.00	0.342	ug/L		11/04/25 14:47	11/05/25 15:14	1
2-Chlorophenol	ND		9.00	0.756	ug/L		11/04/25 14:47	11/05/25 15:14	1
2-Methylnaphthalene	ND		9.00	0.729	ug/L		11/04/25 14:47	11/05/25 15:14	1
2-Methylphenol	ND		9.00	0.684	ug/L		11/04/25 14:47	11/05/25 15:14	1
2-Nitroaniline	ND		9.00	1.23	ug/L		11/04/25 14:47	11/05/25 15:14	1
2-Nitrophenol	ND		9.00	1.05	ug/L		11/04/25 14:47	11/05/25 15:14	1
3 & 4 Methylphenol	ND		18.0	4.14	ug/L		11/04/25 14:47	11/05/25 15:14	1
3,3'-Dichlorobenzidine	ND		9.90	0.369	ug/L		11/04/25 14:47	11/05/25 15:14	1
3-Nitroaniline	ND		9.00	0.855	ug/L		11/04/25 14:47	11/05/25 15:14	1
4,6-Dinitro-2-methylphenol	ND		9.00	1.77	ug/L		11/04/25 14:47	11/05/25 15:14	1
4-Bromophenyl phenyl ether	ND		9.00	0.117	ug/L		11/04/25 14:47	11/05/25 15:14	1
4-Chloro-3-methylphenol	ND		9.00	0.657	ug/L		11/04/25 14:47	11/05/25 15:14	1
4-Chloroaniline	ND		9.00	0.522	ug/L		11/04/25 14:47	11/05/25 15:14	1
4-Chlorophenyl phenyl ether	ND		9.00	0.216	ug/L		11/04/25 14:47	11/05/25 15:14	1
4-Nitroaniline	ND		9.00	3.15	ug/L		11/04/25 14:47	11/05/25 15:14	1
4-Nitrophenol	ND		9.00	2.47	ug/L		11/04/25 14:47	11/05/25 15:14	1
Acenaphthene	ND		9.00	0.567	ug/L		11/04/25 14:47	11/05/25 15:14	1
Acenaphthylene	ND		9.00	0.684	ug/L		11/04/25 14:47	11/05/25 15:14	1
Acetophenone	ND		9.00	2.88	ug/L		11/04/25 14:47	11/05/25 15:14	1
Anthracene	ND		9.00	0.819	ug/L		11/04/25 14:47	11/05/25 15:14	1
Atrazine	ND		9.00	1.02	ug/L		11/04/25 14:47	11/05/25 15:14	1
Benzaldehyde	ND		9.00	0.603	ug/L		11/04/25 14:47	11/05/25 15:14	1
Benzo[a]anthracene	ND		9.00	0.900	ug/L		11/04/25 14:47	11/05/25 15:14	1
Benzo[a]pyrene	ND		9.00	0.990	ug/L		11/04/25 14:47	11/05/25 15:14	1
Benzo[b]fluoranthene	ND		9.00	1.08	ug/L		11/04/25 14:47	11/05/25 15:14	1
Benzo[g,h,i]perylene	ND		9.00	1.35	ug/L		11/04/25 14:47	11/05/25 15:14	1
Benzo[k]fluoranthene	ND		9.00	1.35	ug/L		11/04/25 14:47	11/05/25 15:14	1
bis (2-chloroisopropyl) ether	ND		9.00	0.837	ug/L		11/04/25 14:47	11/05/25 15:14	1
Bis(2-chloroethoxy)methane	ND		9.00	0.306	ug/L		11/04/25 14:47	11/05/25 15:14	1
Bis(2-chloroethyl)ether	ND		9.00	0.657	ug/L		11/04/25 14:47	11/05/25 15:14	1
Bis(2-ethylhexyl) phthalate	ND		9.00	3.60	ug/L		11/04/25 14:47	11/05/25 15:14	1
Butyl benzyl phthalate	ND		9.00	3.60	ug/L		11/04/25 14:47	11/05/25 15:14	1
Caprolactam	ND		9.00	2.16	ug/L		11/04/25 14:47	11/05/25 15:14	1
Carbazole	ND		9.00	0.288	ug/L		11/04/25 14:47	11/05/25 15:14	1
Chrysene	ND		9.00	1.08	ug/L		11/04/25 14:47	11/05/25 15:14	1
Dibenz(a,h)anthracene	ND		9.00	1.17	ug/L		11/04/25 14:47	11/05/25 15:14	1
Dibenzofuran	ND		9.00	0.576	ug/L		11/04/25 14:47	11/05/25 15:14	1
Diethyl phthalate	ND		9.00	3.60	ug/L		11/04/25 14:47	11/05/25 15:14	1
Dimethyl phthalate	ND		9.00	3.60	ug/L		11/04/25 14:47	11/05/25 15:14	1
Di-n-butyl phthalate	ND		9.00	7.37	ug/L		11/04/25 14:47	11/05/25 15:14	1

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: MB 400-729370/1-A

Matrix: Water

Analysis Batch: 729433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		9.00	3.60	ug/L		11/04/25 14:47	11/05/25 15:14	1
Fluoranthene	ND		9.00	0.567	ug/L		11/04/25 14:47	11/05/25 15:14	1
Fluorene	ND		9.00	0.603	ug/L		11/04/25 14:47	11/05/25 15:14	1
Hexachlorobenzene	ND		9.00	0.225	ug/L		11/04/25 14:47	11/05/25 15:14	1
Hexachlorobutadiene	ND		9.00	0.495	ug/L		11/04/25 14:47	11/05/25 15:14	1
Hexachlorocyclopentadiene	ND		18.0	0.288	ug/L		11/04/25 14:47	11/05/25 15:14	1
Hexachloroethane	ND		9.00	0.477	ug/L		11/04/25 14:47	11/05/25 15:14	1
Indeno[1,2,3-cd]pyrene	ND		9.00	0.990	ug/L		11/04/25 14:47	11/05/25 15:14	1
Isophorone	ND		9.00	0.720	ug/L		11/04/25 14:47	11/05/25 15:14	1
Naphthalene	ND		9.00	0.675	ug/L		11/04/25 14:47	11/05/25 15:14	1
Nitrobenzene	ND		9.00	0.540	ug/L		11/04/25 14:47	11/05/25 15:14	1
N-Nitrosodi-n-propylamine	ND		9.00	0.297	ug/L		11/04/25 14:47	11/05/25 15:14	1
N-Nitrosodiphenylamine	ND		9.00	0.171	ug/L		11/04/25 14:47	11/05/25 15:14	1
Pentachlorophenol	ND		9.00	2.52	ug/L		11/04/25 14:47	11/05/25 15:14	1
Phenanthrene	ND		9.00	0.666	ug/L		11/04/25 14:47	11/05/25 15:14	1
Phenol	ND		9.00	0.612	ug/L		11/04/25 14:47	11/05/25 15:14	1
Pyrene	ND		9.00	0.567	ug/L		11/04/25 14:47	11/05/25 15:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	122		10 - 150	11/04/25 14:47	11/05/25 15:14	1
2-Fluorobiphenyl (Surr)	82		25 - 139	11/04/25 14:47	11/05/25 15:14	1
2-Fluorophenol (Surr)	60		10 - 150	11/04/25 14:47	11/05/25 15:14	1
Nitrobenzene-d5 (Surr)	118		22 - 150	11/04/25 14:47	11/05/25 15:14	1
Phenol-d5 (Surr)	46		10 - 150	11/04/25 14:47	11/05/25 15:14	1
Terphenyl-d14 (Surr)	83		28 - 150	11/04/25 14:47	11/05/25 15:14	1

Lab Sample ID: LCS 400-729370/2-A

Matrix: Water

Analysis Batch: 729433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	30.0	20.84		ug/L		69	27 - 120
2,4,5-Trichlorophenol	30.0	25.75		ug/L		86	27 - 136
2,4,6-Trichlorophenol	30.0	25.75		ug/L		86	21 - 132
2,4-Dichlorophenol	30.0	25.55		ug/L		85	30 - 125
2,4-Dimethylphenol	30.0	20.37		ug/L		68	10 - 142
2,4-Dinitrophenol	60.0	36.54		ug/L		61	10 - 150
2,4-Dinitrotoluene	30.0	34.39		ug/L		115	30 - 129
2,6-Dinitrotoluene	30.0	38.41		ug/L		128	34 - 132
2-Chloronaphthalene	30.0	20.82		ug/L		69	10 - 150
2-Chlorophenol	30.0	21.54		ug/L		72	28 - 127
2-Methylnaphthalene	30.0	21.75		ug/L		73	24 - 150
2-Methylphenol	30.0	23.20		ug/L		77	11 - 121
2-Nitroaniline	30.0	38.66		ug/L		129	31 - 141
2-Nitrophenol	30.0	50.55	*+	ug/L		168	31 - 142
3 & 4 Methylphenol	30.0	18.44		ug/L		61	10 - 150
3,3'-Dichlorobenzidine	60.0	38.10		ug/L		64	10 - 150
3-Nitroaniline	30.0	35.54		ug/L		118	33 - 136

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: LCS 400-729370/2-A

Matrix: Water

Analysis Batch: 729433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	60.0	65.70		ug/L		110	10 - 150
4-Bromophenyl phenyl ether	30.0	23.55		ug/L		78	24 - 120
4-Chloro-3-methylphenol	30.0	26.22		ug/L		87	10 - 137
4-Chloroaniline	30.0	26.39		ug/L		88	10 - 150
4-Chlorophenyl phenyl ether	30.0	23.27		ug/L		78	31 - 110
4-Nitroaniline	30.0	37.32		ug/L		124	37 - 139
4-Nitrophenol	60.0	48.12		ug/L		80	10 - 150
Acenaphthene	30.0	21.94		ug/L		73	29 - 150
Acenaphthylene	30.0	21.90		ug/L		73	30 - 150
Acetophenone	30.0	22.60		ug/L		75	27 - 119
Anthracene	30.0	26.51		ug/L		88	31 - 150
Atrazine	30.0	22.50		ug/L		75	10 - 150
Benzaldehyde	30.0	20.16		ug/L		67	10 - 150
Benzo[a]anthracene	30.0	24.12		ug/L		80	36 - 150
Benzo[a]pyrene	30.0	25.05		ug/L		83	29 - 150
Benzo[b]fluoranthene	30.0	23.66		ug/L		79	32 - 150
Benzo[g,h,i]perylene	30.0	26.03		ug/L		87	28 - 150
Benzo[k]fluoranthene	30.0	26.08		ug/L		87	30 - 150
bis (2-chloroisopropyl) ether	30.0	22.51		ug/L		75	32 - 115
Bis(2-chloroethoxy)methane	30.0	25.48		ug/L		85	34 - 120
Bis(2-chloroethyl)ether	30.0	23.12		ug/L		77	32 - 114
Bis(2-ethylhexyl) phthalate	30.0	25.62		ug/L		85	24 - 133
Butyl benzyl phthalate	30.0	26.31		ug/L		88	24 - 140
Caprolactam	30.0	18.76		ug/L		63	10 - 150
Carbazole	30.0	27.77		ug/L		93	28 - 123
Chrysene	30.0	24.38		ug/L		81	34 - 150
Dibenz(a,h)anthracene	30.0	24.42		ug/L		81	29 - 150
Dibenzofuran	30.0	24.32		ug/L		81	35 - 110
Diethyl phthalate	30.0	17.51		ug/L		58	31 - 118
Dimethyl phthalate	30.0	15.81		ug/L		53	24 - 125
Di-n-butyl phthalate	30.0	24.40		ug/L		81	30 - 127
Di-n-octyl phthalate	30.0	26.60		ug/L		89	28 - 142
Fluoranthene	30.0	28.28		ug/L		94	30 - 150
Fluorene	30.0	22.91		ug/L		76	30 - 150
Hexachlorobenzene	30.0	26.18		ug/L		87	29 - 113
Hexachlorobutadiene	30.0	8.069	J	ug/L		27	10 - 117
Hexachlorocyclopentadiene	30.0	6.366	J	ug/L		21	10 - 150
Hexachloroethane	30.0	10.12		ug/L		34	10 - 112
Indeno[1,2,3-cd]pyrene	30.0	22.31		ug/L		74	28 - 150
Isophorone	30.0	23.57		ug/L		79	29 - 125
Naphthalene	30.0	22.47		ug/L		75	27 - 150
Nitrobenzene	30.0	30.73		ug/L		102	29 - 129
N-Nitrosodi-n-propylamine	30.0	20.60		ug/L		69	50 - 134
N-Nitrosodiphenylamine	29.8	25.46		ug/L		86	50 - 132
Pentachlorophenol	60.0	66.46		ug/L		111	14 - 150
Phenanthrene	30.0	26.13		ug/L		87	32 - 150
Phenol	30.0	13.07		ug/L		44	10 - 150
Pyrene	30.0	27.27		ug/L		91	30 - 150

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: LCS 400-729370/2-A

Matrix: Water

Analysis Batch: 729433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729370

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2,4,6-Tribromophenol (Surr)	115		10 - 150
2-Fluorobiphenyl (Surr)	85		25 - 139
2-Fluorophenol (Surr)	57		10 - 150
Nitrobenzene-d5 (Surr)	116		22 - 150
Phenol-d5 (Surr)	45		10 - 150
Terphenyl-d14 (Surr)	82		28 - 150

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

Lab Sample ID: MB 400-729500/1-A

Matrix: Water

Analysis Batch: 729647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729500

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		11/05/25 15:10	11/06/25 14:31	1
Isotope Dilution	MB	MB					Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29						11/05/25 15:10	11/06/25 14:31	1

Lab Sample ID: LCS 400-729500/2-A

Matrix: Water

Analysis Batch: 729647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729500

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec
1,4-Dioxane			Added	Result	Qualifier	ug/L		105	Limits
			16.0	16.77					30 - 150
Isotope Dilution	LCS	LCS							
1,4-Dioxane-d8	25								10 - 140

Lab Sample ID: LCSD 400-729500/3-A

Matrix: Water

Analysis Batch: 729647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 729500

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD
1,4-Dioxane			Added	Result	Qualifier	ug/L		111	Limits	RPD Limit
			16.0	17.70					30 - 150	5 40
Isotope Dilution	LCSD	LCSD								
1,4-Dioxane-d8	27									10 - 140

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 400-730020/5

Matrix: Water

Analysis Batch: 730020

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.00	0.390	mg/L			11/10/25 20:26	1

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QC Sample Results

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

Job ID: 752-38762-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-730020/6

Matrix: Water

Analysis Batch: 730020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	9.061		mg/L		91	90 - 110

Lab Sample ID: LCSD 400-730020/7

Matrix: Water

Analysis Batch: 730020

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	9.124		mg/L		91	90 - 110	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-92994/1-A

Matrix: Water

Analysis Batch: 95357

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 92994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		11/05/25 08:26	11/14/25 01:54	1
Arsenic	ND		5.00	1.32	ug/L		11/05/25 08:26	11/14/25 01:54	1
Barium	ND		10.0	0.410	ug/L		11/05/25 08:26	11/14/25 01:54	1
Beryllium	ND		1.00	0.147	ug/L		11/05/25 08:26	11/14/25 01:54	1
Cadmium	ND		0.700	0.237	ug/L		11/05/25 08:26	11/14/25 01:54	1
Chromium	ND		5.00	3.69	ug/L		11/05/25 08:26	11/14/25 01:54	1
Cobalt	ND		5.00	0.411	ug/L		11/05/25 08:26	11/14/25 01:54	1
Copper	1.324	J	2.00	0.642	ug/L		11/05/25 08:26	11/14/25 01:54	1
Lead	ND		1.00	0.864	ug/L		11/05/25 08:26	11/14/25 01:54	1
Manganese	ND		5.00	1.29	ug/L		11/05/25 08:26	11/14/25 01:54	1
Nickel	ND		5.00	0.422	ug/L		11/05/25 08:26	11/14/25 01:54	1
Selenium	2.651	J	5.00	2.29	ug/L		11/05/25 08:26	11/14/25 01:54	1
Silver	ND		1.00	0.167	ug/L		11/05/25 08:26	11/14/25 01:54	1
Thallium	ND		1.00	0.190	ug/L		11/05/25 08:26	11/14/25 01:54	1
Vanadium	ND		5.00	1.22	ug/L		11/05/25 08:26	11/14/25 01:54	1
Zinc	ND		10.0	8.91	ug/L		11/05/25 08:26	11/14/25 01:54	1

Lab Sample ID: LCS 705-92994/2-A

Matrix: Water

Analysis Batch: 95357

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 92994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	102.5		ug/L		103	80 - 120
Arsenic	100	100.1		ug/L		100	80 - 120
Barium	100	109.2		ug/L		109	80 - 120
Beryllium	100	114.5		ug/L		115	80 - 120
Cadmium	100	94.40		ug/L		94	80 - 120
Chromium	100	107.6		ug/L		108	80 - 120
Cobalt	100	108.7		ug/L		109	80 - 120
Copper	100	108.7		ug/L		109	80 - 120
Lead	100	110.9		ug/L		111	80 - 120
Manganese	100	104.7		ug/L		105	80 - 120
Nickel	100	109.6		ug/L		110	80 - 120

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QC Sample Results

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

Job ID: 752-38762-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-92994/2-A

Matrix: Water

Analysis Batch: 95357

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 92994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	100	109.7		ug/L		110	80 - 120
Silver	10.0	9.626		ug/L		96	80 - 120
Thallium	100	110.3		ug/L		110	80 - 120
Vanadium	100	106.7		ug/L		107	80 - 120
Zinc	100	108.1		ug/L		108	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-93809/1-A

Matrix: Water

Analysis Batch: 93945

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 93809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/08/25 10:33	11/08/25 13:51	1

Lab Sample ID: LCS 705-93809/2-A

Matrix: Water

Analysis Batch: 93945

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 93809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.556		ug/L		114	80 - 120

Lab Sample ID: MB 705-93931/1-A

Matrix: Water

Analysis Batch: 94212

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 93931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		11/10/25 12:56	11/10/25 16:26	1

Lab Sample ID: LCS 705-93931/2-A

Matrix: Water

Analysis Batch: 94212

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 93931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.861		ug/L		97	80 - 120

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

Lab Sample ID: MB 680-886996/13

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/04/25 15:40	1

Lab Sample ID: MB 680-886996/39

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.250	0.100	mg/L			11/04/25 16:50	1

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QC Sample Results

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

Job ID: 752-38762-1

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

Lab Sample ID: LCS 680-886996/14

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.002		mg/L		100	90 - 110

Lab Sample ID: LCS 680-886996/40

Matrix: Water

Analysis Batch: 886996

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.016		mg/L		102	90 - 110

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-887030/41

Matrix: Water

Analysis Batch: 887030

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.100	0.0100	mg/L			11/05/25 12:15	1

Lab Sample ID: LCS 680-887030/42

Matrix: Water

Analysis Batch: 887030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.00	1.082		mg/L		108	90 - 110

Lab Sample ID: 752-38762-2 MS

Matrix: Water

Analysis Batch: 887030

Client Sample ID: SW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.0380	J F1	1.00	0.8480	F1	mg/L		81	90 - 110

Lab Sample ID: 752-38762-2 MSD

Matrix: Water

Analysis Batch: 887030

Client Sample ID: SW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Nitrate Nitrite as N	0.0380	J F1	1.00	0.8610	F1	mg/L		82	90 - 110	2	10

Lab Sample ID: 752-38762-3 MS

Matrix: Water

Analysis Batch: 887030

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
Nitrate Nitrite as N	0.0430	J F1	1.00	0.8180	F1	mg/L		78	90 - 110

QC Sample Results

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

Job ID: 752-38762-1

Method: 353.2-1993 R2.0 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 752-38762-3 MSD							Client Sample ID: SW-3					
Matrix: Water							Prep Type: Total/NA					
Analysis Batch: 887030												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Nitrate Nitrite as N	0.0430	J F1	1.00	0.8150	F1	mg/L		77	90 - 110	0	10	

QC Association Summary

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

Job ID: 752-38762-1

GC/MS VOA

Analysis Batch: 729595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	8260D	
752-38762-2	SW-2	Total/NA	Water	8260D	
752-38762-3	SW-3	Total/NA	Water	8260D	
752-38762-4	SW-4	Total/NA	Water	8260D	
752-38762-5	SW-DUP	Total/NA	Water	8260D	
752-38762-6	SW-5	Total/NA	Water	8260D	
752-38762-7	SW-6	Total/NA	Water	8260D	
752-38762-8	Trip Blank	Total/NA	Water	8260D	
MB 400-729595/5	Method Blank	Total/NA	Water	8260D	
LCS 400-729595/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 729745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-4	SW-4	Total/NA	Water	8260D	
MB 400-729745/5	Method Blank	Total/NA	Water	8260D	
LCS 400-729745/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 729370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	3511	
752-38762-2	SW-2	Total/NA	Water	3511	
752-38762-3	SW-3	Total/NA	Water	3511	
752-38762-4	SW-4	Total/NA	Water	3511	
752-38762-5	SW-DUP	Total/NA	Water	3511	
752-38762-6	SW-5	Total/NA	Water	3511	
752-38762-7	SW-6	Total/NA	Water	3511	
MB 400-729370/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-729370/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 729433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	8270E	729370
752-38762-2	SW-2	Total/NA	Water	8270E	729370
752-38762-3	SW-3	Total/NA	Water	8270E	729370
752-38762-4	SW-4	Total/NA	Water	8270E	729370
752-38762-5	SW-DUP	Total/NA	Water	8270E	729370
752-38762-6	SW-5	Total/NA	Water	8270E	729370
752-38762-7	SW-6	Total/NA	Water	8270E	729370
MB 400-729370/1-A	Method Blank	Total/NA	Water	8270E	729370
LCS 400-729370/2-A	Lab Control Sample	Total/NA	Water	8270E	729370

Prep Batch: 729500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	3510C	
752-38762-2	SW-2	Total/NA	Water	3510C	
752-38762-3	SW-3	Total/NA	Water	3510C	
752-38762-4	SW-4	Total/NA	Water	3510C	
752-38762-5	SW-DUP	Total/NA	Water	3510C	
752-38762-6	SW-5	Total/NA	Water	3510C	

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QC Association Summary

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

Job ID: 752-38762-1

GC/MS Semi VOA (Continued)

Prep Batch: 729500 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-7	SW-6	Total/NA	Water	3510C	
MB 400-729500/1-A	Method Blank	Total/NA	Water	3510C	
LCS 400-729500/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-729500/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 729647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	8270E SIM ID	729500
752-38762-2	SW-2	Total/NA	Water	8270E SIM ID	729500
752-38762-3	SW-3	Total/NA	Water	8270E SIM ID	729500
752-38762-4	SW-4	Total/NA	Water	8270E SIM ID	729500
752-38762-5	SW-DUP	Total/NA	Water	8270E SIM ID	729500
752-38762-6	SW-5	Total/NA	Water	8270E SIM ID	729500
752-38762-7	SW-6	Total/NA	Water	8270E SIM ID	729500
MB 400-729500/1-A	Method Blank	Total/NA	Water	8270E SIM ID	729500
LCS 400-729500/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	729500
LCSD 400-729500/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	729500

HPLC/IC

Analysis Batch: 730020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	9056A	
752-38762-2	SW-2	Total/NA	Water	9056A	
752-38762-3	SW-3	Total/NA	Water	9056A	
752-38762-4	SW-4	Total/NA	Water	9056A	
752-38762-5	SW-DUP	Total/NA	Water	9056A	
752-38762-6	SW-5	Total/NA	Water	9056A	
752-38762-7	SW-6	Total/NA	Water	9056A	
MB 400-730020/5	Method Blank	Total/NA	Water	9056A	
LCS 400-730020/6	Lab Control Sample	Total/NA	Water	9056A	
LCSD 400-730020/7	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 92994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total Recoverable	Water	3005A	
752-38762-2	SW-2	Total Recoverable	Water	3005A	
752-38762-3	SW-3	Total Recoverable	Water	3005A	
752-38762-4	SW-4	Total Recoverable	Water	3005A	
752-38762-5	SW-DUP	Total Recoverable	Water	3005A	
752-38762-6	SW-5	Total Recoverable	Water	3005A	
752-38762-7	SW-6	Total Recoverable	Water	3005A	
MB 705-92994/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-92994/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 93809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	7470A	
752-38762-2	SW-2	Total/NA	Water	7470A	
752-38762-3	SW-3	Total/NA	Water	7470A	

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QC Association Summary

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

Job ID: 752-38762-1

Metals (Continued)

Prep Batch: 93809 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-4	SW-4	Total/NA	Water	7470A	
752-38762-5	SW-DUP	Total/NA	Water	7470A	
MB 705-93809/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-93809/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 93931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-6	SW-5	Total/NA	Water	7470A	
752-38762-7	SW-6	Total/NA	Water	7470A	
MB 705-93931/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-93931/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 93945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	7470A	93809
752-38762-2	SW-2	Total/NA	Water	7470A	93809
752-38762-3	SW-3	Total/NA	Water	7470A	93809
752-38762-4	SW-4	Total/NA	Water	7470A	93809
752-38762-5	SW-DUP	Total/NA	Water	7470A	93809
MB 705-93809/1-A	Method Blank	Total/NA	Water	7470A	93809
LCS 705-93809/2-A	Lab Control Sample	Total/NA	Water	7470A	93809

Analysis Batch: 94212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-6	SW-5	Total/NA	Water	7470A	93931
752-38762-7	SW-6	Total/NA	Water	7470A	93931
MB 705-93931/1-A	Method Blank	Total/NA	Water	7470A	93931
LCS 705-93931/2-A	Lab Control Sample	Total/NA	Water	7470A	93931

Analysis Batch: 95357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total Recoverable	Water	6020B	92994
752-38762-2	SW-2	Total Recoverable	Water	6020B	92994
752-38762-3	SW-3	Total Recoverable	Water	6020B	92994
752-38762-4	SW-4	Total Recoverable	Water	6020B	92994
752-38762-5	SW-DUP	Total Recoverable	Water	6020B	92994
752-38762-6	SW-5	Total Recoverable	Water	6020B	92994
752-38762-7	SW-6	Total Recoverable	Water	6020B	92994
MB 705-92994/1-A	Method Blank	Total Recoverable	Water	6020B	92994
LCS 705-92994/2-A	Lab Control Sample	Total Recoverable	Water	6020B	92994

General Chemistry

Analysis Batch: 886995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	Nitrate by calc	
752-38762-2	SW-2	Total/NA	Water	Nitrate by calc	
752-38762-3	SW-3	Total/NA	Water	Nitrate by calc	
752-38762-4	SW-4	Total/NA	Water	Nitrate by calc	
752-38762-5	SW-DUP	Total/NA	Water	Nitrate by calc	
752-38762-6	SW-5	Total/NA	Water	Nitrate by calc	

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QC Association Summary

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

Job ID: 752-38762-1

General Chemistry (Continued)

Analysis Batch: 886995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-7	SW-6	Total/NA	Water	Nitrate by calc	

Analysis Batch: 886996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	350.1-1993 R2.0	
752-38762-2	SW-2	Total/NA	Water	350.1-1993 R2.0	
752-38762-3	SW-3	Total/NA	Water	350.1-1993 R2.0	
752-38762-4	SW-4	Total/NA	Water	350.1-1993 R2.0	
752-38762-5	SW-DUP	Total/NA	Water	350.1-1993 R2.0	
752-38762-6	SW-5	Total/NA	Water	350.1-1993 R2.0	
752-38762-7	SW-6	Total/NA	Water	350.1-1993 R2.0	
MB 680-886996/13	Method Blank	Total/NA	Water	350.1-1993 R2.0	
MB 680-886996/39	Method Blank	Total/NA	Water	350.1-1993 R2.0	
LCS 680-886996/14	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	
LCS 680-886996/40	Lab Control Sample	Total/NA	Water	350.1-1993 R2.0	

Analysis Batch: 887030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38762-1	SW-1	Total/NA	Water	353.2-1993 R2.0	
752-38762-2	SW-2	Total/NA	Water	353.2-1993 R2.0	
752-38762-3	SW-3	Total/NA	Water	353.2-1993 R2.0	
752-38762-4	SW-4	Total/NA	Water	353.2-1993 R2.0	
752-38762-5	SW-DUP	Total/NA	Water	353.2-1993 R2.0	
752-38762-6	SW-5	Total/NA	Water	353.2-1993 R2.0	
752-38762-7	SW-6	Total/NA	Water	353.2-1993 R2.0	
MB 680-887030/41	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-887030/42	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-38762-2 MS	SW-2	Total/NA	Water	353.2-1993 R2.0	
752-38762-2 MSD	SW-2	Total/NA	Water	353.2-1993 R2.0	
752-38762-3 MS	SW-3	Total/NA	Water	353.2-1993 R2.0	
752-38762-3 MSD	SW-3	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

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

Job ID: 752-38762-1

Client Sample ID: SW-1

Lab Sample ID: 752-38762-1

Date Collected: 10/31/25 09:40

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 16:32
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/05/25 21:20
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 15:36
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 21:29
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 02:49
Total/NA	Prep	7470A			93809	GR	EET ATL	11/08/25 10:33
Total/NA	Analysis	7470A		1	93945	GR	EET ATL	11/08/25 15:13
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:33
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:22
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Client Sample ID: SW-2

Lab Sample ID: 752-38762-2

Date Collected: 10/31/25 10:25

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 16:57
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/05/25 21:52
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 15:57
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 21:50
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 02:52
Total/NA	Prep	7470A			93809	GR	EET ATL	11/08/25 10:33
Total/NA	Analysis	7470A		1	93945	GR	EET ATL	11/08/25 15:17
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:36
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:24
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Date Collected: 10/31/25 11:10

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 17:47
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/05/25 22:24
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 16:19
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 22:11

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Lab Chronicle

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

Job ID: 752-38762-1

Client Sample ID: SW-3

Lab Sample ID: 752-38762-3

Date Collected: 10/31/25 11:10

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 02:54
Total/NA	Prep	7470A			93809	GR	EET ATL	11/08/25 10:33
Total/NA	Analysis	7470A		1	93945	GR	EET ATL	11/08/25 15:33
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:39
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:30
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Client Sample ID: SW-4

Lab Sample ID: 752-38762-4

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 18:12
Total/NA	Analysis	8260D		1	729745	RSG	EET PEN	11/08/25 00:03
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/05/25 22:57
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 16:40
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 22:32
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 02:57
Total/NA	Prep	7470A			93809	GR	EET ATL	11/08/25 10:33
Total/NA	Analysis	7470A		1	93945	GR	EET ATL	11/08/25 15:37
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:42
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:35
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 18:37
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/05/25 23:30
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 17:02
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 22:53
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 03:00
Total/NA	Prep	7470A			93809	GR	EET ATL	11/08/25 10:33
Total/NA	Analysis	7470A		1	93945	GR	EET ATL	11/08/25 15:40
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:55

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38762-1

Client Sample ID: SW-DUP

Lab Sample ID: 752-38762-5

Date Collected: 10/31/25 11:55

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:37
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Client Sample ID: SW-5

Lab Sample ID: 752-38762-6

Date Collected: 10/31/25 13:25

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 19:02
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/06/25 00:03
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 17:23
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 23:14
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 03:23
Total/NA	Prep	7470A			93931	GR	EET ATL	11/10/25 12:56
Total/NA	Analysis	7470A		1	94212	GR	EET ATL	11/10/25 18:12
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 16:58
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:39
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Client Sample ID: SW-6

Lab Sample ID: 752-38762-7

Date Collected: 10/31/25 14:15

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 19:27
Total/NA	Prep	3511			729370	JPH	EET PEN	11/05/25 09:14
Total/NA	Analysis	8270E		1	729433	JAW	EET PEN	11/06/25 00:35
Total/NA	Prep	3510C			729500	AMM	EET PEN	11/05/25 15:11
Total/NA	Analysis	8270E SIM ID		1	729647	VC1	EET PEN	11/06/25 17:45
Total/NA	Analysis	9056A		1	730020	AR	EET PEN	11/10/25 23:35
Total Recoverable	Prep	3005A			92994	SA	EET ATL	11/05/25 08:26
Total Recoverable	Analysis	6020B		1	95357	IF	EET ATL	11/14/25 03:26
Total/NA	Prep	7470A			93931	GR	EET ATL	11/10/25 12:56
Total/NA	Analysis	7470A		1	94212	GR	EET ATL	11/10/25 18:15
Total/NA	Analysis	350.1-1993 R2.0		1	886996	DJ	EET SAV	11/04/25 17:00
Total/NA	Analysis	353.2-1993 R2.0		1	887030	NVF	EET SAV	11/05/25 12:41
Total/NA	Analysis	Nitrate by calc		1	886995	ALG	EET SAV	11/05/25 07:28

Lab Chronicle

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

Job ID: 752-38762-1

Client Sample ID: Trip Blank
Date Collected: 10/31/25 09:40
Date Received: 10/31/25 16:25

Lab Sample ID: 752-38762-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729595	CAR	EET PEN	11/06/25 19:51

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
Project/Site: Northgate Park

Job ID: 752-38762-1

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
9056A		Water	Sulfate

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-25

Method Summary

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

Job ID: 752-38762-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1-1993 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
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: 752-38762-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38762-1	SW-1	Water	10/31/25 09:40	10/31/25 16:25	North Carolina
752-38762-2	SW-2	Water	10/31/25 10:25	10/31/25 16:25	North Carolina
752-38762-3	SW-3	Water	10/31/25 11:10	10/31/25 16:25	North Carolina
752-38762-4	SW-4	Water	10/31/25 11:55	10/31/25 16:25	North Carolina
752-38762-5	SW-DUP	Water	10/31/25 11:55	10/31/25 16:25	North Carolina
752-38762-6	SW-5	Water	10/31/25 13:25	10/31/25 16:25	North Carolina
752-38762-7	SW-6	Water	10/31/25 14:15	10/31/25 16:25	North Carolina
752-38762-8	Trip Blank	Water	10/31/25 09:40	10/31/25 16:25	North Carolina

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104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)				Lab PM	Carrier Tracking No(s)	COC No.
Client Contact Shipping/Receiving				Bechtold, Chad	N/A	752-7118 1
Company Eurofins Environment Testing Southeast L				E-Mail: Chad Bechtold@et.eurofinsus.com	State of Origin North Carolina	Page: Page 1 of 1
Address: 33355 McLemore Drive, City: Pensacola State Zip: FL, 32514				Accreditations Required (See note). State - North Carolina (WW/SW)	Job #: 752-38762-1	Job #: 752-38762-1
Due Date Requested: 11/11/2025				Preservation Codes:		
TAT Requested (days): N/A				Analysis Requested		
PO #: N/A				8270E_QQ03611(MOD) SVOC TCL OLM4.2		
WO #: N/A				8270E_SIM_ID.D5/8510C_LVH_4 Dioxane		
Project #: 68026680				9066A_ORGFM_28DSulfate		
SSOW#: N/A				8260D/6030CVOCC NC 02L List		
Matrix (Water, Solid, Onwater, BT, Tissue, AALP)				Other: N/A		
Sample Type (C=Comp, G=grab)				Special Instructions/Note:		
Sample Date				Sample Time		
Sample Identification - Client ID (Lab ID)				Sample Time		
SW-1 (752-38762-1)				09:40 Eastern		
SW-2 (752-38762-2)				10:25 Eastern		
SW-3 (752-38762-3)				11:10 Eastern		
SW-4 (752-38762-4)				11:55 Eastern		
SW-DUP (752-38762-5)				11:55 Eastern		
SW-5 (752-38762-6)				13:25 Eastern		
SW-6 (752-38762-7)				14:15 Eastern		
Trip Blank (752-38762-8)				09:40 Eastern		
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/test/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)				Special Instructions/QC Requirements:		
Primary Deliverable Rank: 2				Method of Shipment:		
Date:				Time:		
Relinquished by Rachel Yonish				Company		
Relinquished by				Company		
Relinquished by				Company		
Relinquished by				Company		
Custody Seal Intact: A Yes A No				Custody Seal No		

Eurofins Raleigh

104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Bechtold, Chad		Carrier Tracking No(s): N/A		COC No: 752-7120.1	
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 #: 752-38762-1	
Address: 5102 LaRoche Avenue,		Due Date Requested: 11/11/2025		Analysis Requested				Preservation Codes:	
City: Savannah		TAT Requested (days): N/A							
State, Zip: GA, 31404		PO #: N/A		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
Phone: 912-354-7858(Tel) 912-352-0165(Fax)		WO #: N/A							
Email: N/A		Project #: 68026680		353.2_PresNitrile+Nitrite		Nitrate_CalcNitrate		350.1(MOD) Ammonia	
Project Name: Northgate Park		SSOW#: N/A							
Site: 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, ST=Tissue, A=Air)	
								Preservation Code:	
SW-1 (752-38762-1)		10/31/25		09:40 Eastern		G		Water	
SW-2 (752-38762-2)		10/31/25		10:25 Eastern		G		Water	
SW-3 (752-38762-3)		10/31/25		11:10 Eastern		G		Water	
SW-4 (752-38762-4)		10/31/25		11:55 Eastern		G		Water	
SW-DUP (752-38762-5)		10/31/25		11:55 Eastern		G		Water	
SW-5 (752-38762-6)		10/31/25		13:25 Eastern		G		Water	
SW-6 (752-38762-7)		10/31/25		14:15 Eastern		G		Water	
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:				
Relinquished by: Rachel Yonish					Date/Time: 11/3/25 1530				
Relinquished by:					Date/Time:				
Relinquished by:					Date/Time:				
Custody Seals Intact: ☐ Yes ☐ No					Custody Seal No.:				
					Cooler Temperature(s) °C and Other Remarks: 1.7 / 1.8				

Eurofins Raleigh

104 Woodwinds Industrial Court Suite A

Cary, NC 27511

Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Bechtold, Chad		Carrier Tracking No(s): N/A		COC No: 752-7113.1			
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 #: 752-38762-1			
Address: 3080 Presidential Dr,		Due Date Requested: 11/11/2025		Analysis Requested						Preservation Codes:	
City: Atlanta		TAT Requested (days): N/A		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 ☐						Other: N/A	
State, Zip: GA, 30340		PO #: N/A									
Phone: 770-457-8177 (Tel)		WO #: N/A									
Email: N/A		Project #: 68026680									
Project Name: Northgate Park		SSOW#: N/A									
Site: 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/soil, BT=Tissue, A=Air)		Special Instructions/Note:	
						Preservation Code:					
SW-1 (752-38762-1)		10/31/25		09:40 Eastern		G		Water		1	
SW-2 (752-38762-2)		10/31/25		10:25 Eastern		G		Water		1	
SW-3 (752-38762-3)		10/31/25		11:10 Eastern		G		Water		1	
SW-4 (752-38762-4)		10/31/25		11:55 Eastern		G		Water		1	
SW-DUP (752-38762-5)		10/31/25		11:55 Eastern		G		Water		1	
SW-5 (752-38762-6)		10/31/25		13:25 Eastern		G		Water		1	
SW-6 (752-38762-7)		10/31/25		14:15 Eastern		G		Water		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)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by:						Method of Shipment:					
Relinquished by: Rachel Yonish						Received by: TGR					
Date/Time: 11/15/25						Date/Time: 11/04/25 1005					
Relinquished by:						Received by:					
Date/Time:						Date/Time:					
Relinquished by:						Received by:					
Date/Time:						Date/Time:					
Custody Seals Intact: ☐ Yes ☐ No						Cooler Temperature(s) °C and Other Remarks: 7 #2605					
Custody Seal No.:											

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38762-1

Login Number: 38762

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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: 752-38762-1

Login Number: 38762

List Number: 3

Creator: Taylor, Renee

List Source: Eurofins Atlanta

List Creation: 11/04/25 01:23 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: 752-38762-1

Login Number: 38762

List Number: 4

Creator: Bankston, Victoria K

List Source: Eurofins Pensacola

List Creation: 11/04/25 05:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0, 2.6°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 752-38762-1

Login Number: 38762

List Number: 5

Creator: Bankston, Victoria K

List Source: Eurofins Pensacola

List Creation: 11/05/25 10:20 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C, 2.6°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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: 752-38762-1

Login Number: 38762

List Number: 2

Creator: Lincoln, Alyssa

List Source: Eurofins Savannah

List Creation: 11/04/25 08:06 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Jerry Paul
S&ME Inc
3201 Spring Forest Road
Raleigh, North Carolina 27616
Generated 11/17/2025 8:46:18 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-38763-1

Eurofins Raleigh

Job Notes

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

Authorization



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11/17/2025 8:46:18 AM

Authorized for release by
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Definitions/Glossary

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

Job ID: 752-38763-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
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
SQL	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

Definitions/Glossary

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

Job ID: 752-38763-1

Glossary (Continued)

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

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Case Narrative

Client: S&ME Inc
Project: Northgate Park

Job ID: 752-38763-1

Job ID: 752-38763-1

Eurofins Raleigh

Job Narrative 752-38763-1

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 10/31/2025 4:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.6°C and 3.5°C.

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-729833 recovered outside control limits for the following analytes: Acetone, n-Butylbenzene and Trichlorofluoromethane. 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

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The method blank (MB 400-729442/1-A) and laboratory control sample (LCS 400-729442/2-A) contained an allowable number of surrogate compounds outside limits. These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729442 and analytical batch 400-729772 recovered outside control limits for the following analytes: 1,1'-Biphenyl, 2,4-Dinitrotoluene, 2-Chloronaphthalene, 2-Methylphenol, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, Acetophenone, Benzo[g,h,i]perylene, bis (2-chloroisopropyl) ether, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Butyl benzyl phthalate, Dibenz(a,h)anthracene, Dibenzofuran, Dimethyl phthalate, Di-n-octyl phthalate, Fluoranthene, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno[1,2,3-cd]pyrene, Isophorone, Nitrobenzene, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Pentachlorophenol and Pyrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 400-729914 and analytical batch 400-730216 recovered outside control limits for the following analyte: 2,6-Dinitrotoluene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8270E_SIM_ID_D5: The following samples were diluted due to the nature of the sample matrix: SED-1 (752-38763-1), SED-2 (752-38763-2), SED-3 (752-38763-3), SED-4 (752-38763-4), SED-DUP (752-38763-5), SED-5 (752-38763-6) and SED-6 (752-38763-7). Elevated reporting limits (RLs) are provided.

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

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 705-93061 and analytical batch 705-95317 contained Arsenic, Barium, Copper, Manganese, Nickel, Selenium, Silver, Vanadium and Zinc above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL).

Eurofins Raleigh

Case Narrative

Client: S&ME Inc
Project: Northgate Park

Job ID: 752-38763-1

Job ID: 752-38763-1 (Continued)

Eurofins Raleigh

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.

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Eurofins Raleigh

Detection Summary

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

Job ID: 752-38763-1

Client Sample ID: SED-1

Lab Sample ID: 752-38763-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0174	J	0.0289	0.0139	mg/Kg	1	✱		8260D	Total/NA
Benzo[b]fluoranthene	0.0550	J	0.401	0.00170	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.0788	J *+	0.401	0.0401	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.0693	J *+	0.401	0.0401	mg/Kg	1	✱		8270E	Total/NA
Nitrate as N	2.76	J	3.35	0.971	mg/Kg	1	✱		9056A	Soluble
Sulfate	21.8		13.4	13.1	mg/Kg	1	✱		9056A	Soluble
Arsenic	0.319	J B	0.408	0.0364	mg/Kg	5	✱		6020B	Total/NA
Barium	12.4	B	1.70	0.00962	mg/Kg	5	✱		6020B	Total/NA
Beryllium	0.0530	J	0.340	0.0238	mg/Kg	5	✱		6020B	Total/NA
Chromium	6.35		0.680	0.140	mg/Kg	5	✱		6020B	Total/NA
Cobalt	2.42		0.510	0.0192	mg/Kg	5	✱		6020B	Total/NA
Copper	2.47	B	0.340	0.0353	mg/Kg	5	✱		6020B	Total/NA
Lead	3.96		0.340	0.0401	mg/Kg	5	✱		6020B	Total/NA
Manganese	82.3	B	0.680	0.0418	mg/Kg	5	✱		6020B	Total/NA
Nickel	4.49	B	0.680	0.0178	mg/Kg	5	✱		6020B	Total/NA
Selenium	0.451	J B	1.70	0.121	mg/Kg	5	✱		6020B	Total/NA
Silver	0.161	J B	0.170	0.00197	mg/Kg	5	✱		6020B	Total/NA
Vanadium	12.1	B	0.680	0.0853	mg/Kg	5	✱		6020B	Total/NA
Zinc	14.6	B	1.70	1.41	mg/Kg	5	✱		6020B	Total/NA
Cr (VI)	0.137	J	1.32	0.132	mg/Kg	1	✱		7199	Total/NA

Client Sample ID: SED-2

Lab Sample ID: 752-38763-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.147		0.0357	0.0171	mg/Kg	1	✱		8260D	Total/NA
Bromomethane	0.00374	J	0.00714	0.00357	mg/Kg	1	✱		8260D	Total/NA
2-Butanone (MEK)	0.00927	J	0.0357	0.00857	mg/Kg	1	✱		8260D	Total/NA
Anthracene	0.0519	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzaldehyde	0.0515	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.487		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.601		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	0.937		0.386	0.00164	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.539		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.349	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.0600	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.661		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.113	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	1.17		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.505		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.390		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.958		0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Nitrate as N	4.98		3.10	0.898	mg/Kg	1	✱		9056A	Soluble
Sulfate	17.8		12.4	12.1	mg/Kg	1	✱		9056A	Soluble
Arsenic	0.905	B	0.479	0.0428	mg/Kg	5	✱		6020B	Total/NA
Barium	34.7	B	2.00	0.0113	mg/Kg	5	✱		6020B	Total/NA
Beryllium	0.166	J	0.400	0.0280	mg/Kg	5	✱		6020B	Total/NA
Chromium	12.6		0.799	0.165	mg/Kg	5	✱		6020B	Total/NA
Cobalt	5.06		0.599	0.0226	mg/Kg	5	✱		6020B	Total/NA
Copper	8.44	B	0.400	0.0416	mg/Kg	5	✱		6020B	Total/NA
Lead	10.9		0.400	0.0471	mg/Kg	5	✱		6020B	Total/NA
Manganese	212	B	0.799	0.0491	mg/Kg	5	✱		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38763-1

Client Sample ID: SED-2 (Continued)

Lab Sample ID: 752-38763-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Nickel	7.78	B	0.799	0.0209	mg/Kg	5	✱		6020B	Total/NA
Selenium	0.464	J B	2.00	0.142	mg/Kg	5	✱		6020B	Total/NA
Silver	0.343	B	0.200	0.00232	mg/Kg	5	✱		6020B	Total/NA
Vanadium	16.1	B	0.799	0.100	mg/Kg	5	✱		6020B	Total/NA
Zinc	34.9	B	2.00	1.66	mg/Kg	5	✱		6020B	Total/NA
Mercury	0.0214	J	0.116	0.0169	mg/Kg	1	✱		7471B	Total/NA
Cr (VI)	0.299	J	1.13	0.113	mg/Kg	1	✱		7199	Total/NA

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0895		0.0291	0.0140	mg/Kg	1	✱		8260D	Total/NA
2-Butanone (MEK)	0.00869	J	0.0291	0.00699	mg/Kg	1	✱		8260D	Total/NA
Anthracene	0.0555	J	0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.336	J	0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.455		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	0.731		0.366	0.00155	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.442		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.259	J	0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.0616	J	0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.529		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.0882	J	0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.944		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.413		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.393		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.770		0.366	0.0366	mg/Kg	1	✱		8270E	Total/NA
Nitrate as N	1.99	J	2.75	0.797	mg/Kg	1	✱		9056A	Soluble
Sulfate	11.4		11.0	10.8	mg/Kg	1	✱		9056A	Soluble
Arsenic	0.716	B	0.345	0.0308	mg/Kg	5	✱		6020B	Total/NA
Barium	23.6	B	1.44	0.00814	mg/Kg	5	✱		6020B	Total/NA
Beryllium	0.107	J	0.288	0.0202	mg/Kg	5	✱		6020B	Total/NA
Chromium	10.9		0.575	0.119	mg/Kg	5	✱		6020B	Total/NA
Cobalt	3.88		0.431	0.0163	mg/Kg	5	✱		6020B	Total/NA
Copper	5.69	B	0.288	0.0299	mg/Kg	5	✱		6020B	Total/NA
Lead	7.24		0.288	0.0339	mg/Kg	5	✱		6020B	Total/NA
Manganese	123	B	0.575	0.0354	mg/Kg	5	✱		6020B	Total/NA
Nickel	6.21	B	0.575	0.0150	mg/Kg	5	✱		6020B	Total/NA
Selenium	0.556	J B	1.44	0.102	mg/Kg	5	✱		6020B	Total/NA
Silver	0.158	B	0.144	0.00167	mg/Kg	5	✱		6020B	Total/NA
Vanadium	13.0	B	0.575	0.0722	mg/Kg	5	✱		6020B	Total/NA
Zinc	25.8	B	1.44	1.19	mg/Kg	5	✱		6020B	Total/NA
Cr (VI)	0.686	J	1.08	0.108	mg/Kg	1	✱		7199	Total/NA

Client Sample ID: SED-4

Lab Sample ID: 752-38763-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.103		0.0249	0.0120	mg/Kg	1	✱		8260D	Total/NA
2-Butanone (MEK)	0.00990	J	0.0249	0.00599	mg/Kg	1	✱		8260D	Total/NA
Benzo[a]anthracene	0.0461	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.0577	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	0.0956	J	0.386	0.00164	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.0541	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38763-1

Client Sample ID: SED-4 (Continued)

Lab Sample ID: 752-38763-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chrysene	0.0692	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.118	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0519	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.101	J	0.386	0.0386	mg/Kg	1	✱		8270E	Total/NA
Nitrate as N	1.43	J	3.15	0.913	mg/Kg	1	✱		9056A	Soluble
Sulfate	42.5		12.6	12.4	mg/Kg	1	✱		9056A	Soluble
Arsenic	1.24	B	0.472	0.0421	mg/Kg	5	✱		6020B	Total/NA
Barium	104	B	1.97	0.0111	mg/Kg	5	✱		6020B	Total/NA
Beryllium	0.463		0.393	0.0276	mg/Kg	5	✱		6020B	Total/NA
Chromium	20.9		0.787	0.162	mg/Kg	5	✱		6020B	Total/NA
Cobalt	8.38		0.590	0.0223	mg/Kg	5	✱		6020B	Total/NA
Copper	8.67	B	0.393	0.0409	mg/Kg	5	✱		6020B	Total/NA
Lead	11.6		0.393	0.0464	mg/Kg	5	✱		6020B	Total/NA
Manganese	583	B	0.787	0.0484	mg/Kg	5	✱		6020B	Total/NA
Nickel	7.94	B	0.787	0.0206	mg/Kg	5	✱		6020B	Total/NA
Selenium	0.337	J B	1.97	0.140	mg/Kg	5	✱		6020B	Total/NA
Silver	0.198	B	0.197	0.00228	mg/Kg	5	✱		6020B	Total/NA
Thallium	0.0838	J	0.551	0.0332	mg/Kg	5	✱		6020B	Total/NA
Vanadium	26.1	B	0.787	0.0987	mg/Kg	5	✱		6020B	Total/NA
Zinc	17.0	B	1.97	1.63	mg/Kg	5	✱		6020B	Total/NA
Mercury	0.0272	J	0.117	0.0170	mg/Kg	1	✱		7471B	Total/NA
Cr (VI)	0.896	J	1.20	0.120	mg/Kg	1	✱		7199	Total/NA

Client Sample ID: SED-DUP

Lab Sample ID: 752-38763-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0651		0.0264	0.0127	mg/Kg	1	✱		8260D	Total/NA
2-Butanone (MEK)	0.00725	J	0.0264	0.00634	mg/Kg	1	✱		8260D	Total/NA
Benzo[a]anthracene	0.0717	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.0959	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	0.167	J	0.389	0.00165	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.0928	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.0574	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.123	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.221	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0887	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.0923	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.179	J	0.389	0.0389	mg/Kg	1	✱		8270E	Total/NA
Nitrate as N	2.64	J	2.97	0.862	mg/Kg	1	✱		9056A	Soluble
Sulfate	17.2		11.9	11.7	mg/Kg	1	✱		9056A	Soluble
Arsenic	1.35	B	0.450	0.0401	mg/Kg	5	✱		6020B	Total/NA
Barium	53.0	B	1.87	0.0106	mg/Kg	5	✱		6020B	Total/NA
Beryllium	0.275	J	0.375	0.0263	mg/Kg	5	✱		6020B	Total/NA
Cadmium	0.100	J	0.375	0.0122	mg/Kg	5	✱		6020B	Total/NA
Chromium	17.4		0.750	0.154	mg/Kg	5	✱		6020B	Total/NA
Cobalt	6.82		0.562	0.0212	mg/Kg	5	✱		6020B	Total/NA
Copper	13.4	B	0.375	0.0390	mg/Kg	5	✱		6020B	Total/NA
Lead	19.2		0.375	0.0442	mg/Kg	5	✱		6020B	Total/NA
Manganese	333	B	0.750	0.0461	mg/Kg	5	✱		6020B	Total/NA
Nickel	10.1	B	0.750	0.0196	mg/Kg	5	✱		6020B	Total/NA
Selenium	0.523	J B	1.87	0.133	mg/Kg	5	✱		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38763-1

Client Sample ID: SED-DUP (Continued)

Lab Sample ID: 752-38763-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.447	B	0.187	0.00217	mg/Kg	5	✱	6020B	Total/NA
Thallium	0.0424	J	0.525	0.0316	mg/Kg	5	✱	6020B	Total/NA
Vanadium	21.7	B	0.750	0.0941	mg/Kg	5	✱	6020B	Total/NA
Zinc	60.9	B	1.87	1.56	mg/Kg	5	✱	6020B	Total/NA
Mercury	0.0292	J	0.109	0.0159	mg/Kg	1	✱	7471B	Total/NA
Cr (VI)	0.643	J	1.17	0.117	mg/Kg	1	✱	7199	Total/NA

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.320		0.0443	0.0212	mg/Kg	1	✱	8260D	Total/NA
2-Butanone (MEK)	0.0256	J	0.0443	0.0106	mg/Kg	1	✱	8260D	Total/NA
Toluene	0.00185	J	0.00885	0.00177	mg/Kg	1	✱	8260D	Total/NA
Anthracene	0.0922	J	0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Benzaldehyde	0.0731	J	0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	0.651		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	0.862		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	1.37		0.495	0.00210	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.806		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.482	J	0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Carbazole	0.125	J	0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Chrysene	1.01		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Dibenz(a,h)anthracene	0.159	J	0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	1.81		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.750		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.658		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Pyrene	1.49		0.495	0.0495	mg/Kg	1	✱	8270E	Total/NA
Nitrate as N	2.29	J	3.93	1.14	mg/Kg	1	✱	9056A	Soluble
Sulfate	66.8		15.7	15.4	mg/Kg	1	✱	9056A	Soluble
Arsenic	1.52	B	0.504	0.0449	mg/Kg	5	✱	6020B	Total/NA
Barium	53.4	B	2.10	0.0119	mg/Kg	5	✱	6020B	Total/NA
Beryllium	0.250	J	0.420	0.0294	mg/Kg	5	✱	6020B	Total/NA
Cadmium	0.0680	J	0.420	0.0137	mg/Kg	5	✱	6020B	Total/NA
Chromium	15.6		0.839	0.173	mg/Kg	5	✱	6020B	Total/NA
Cobalt	7.10		0.629	0.0238	mg/Kg	5	✱	6020B	Total/NA
Copper	13.9	B	0.420	0.0436	mg/Kg	5	✱	6020B	Total/NA
Lead	14.8		0.420	0.0495	mg/Kg	5	✱	6020B	Total/NA
Manganese	457	B	0.839	0.0516	mg/Kg	5	✱	6020B	Total/NA
Nickel	10.7	B	0.839	0.0219	mg/Kg	5	✱	6020B	Total/NA
Selenium	0.638	J B	2.10	0.149	mg/Kg	5	✱	6020B	Total/NA
Silver	0.205	J B	0.210	0.00243	mg/Kg	5	✱	6020B	Total/NA
Vanadium	20.3	B	0.839	0.105	mg/Kg	5	✱	6020B	Total/NA
Zinc	70.1	B	2.10	1.74	mg/Kg	5	✱	6020B	Total/NA
Mercury	0.0273	J	0.151	0.0221	mg/Kg	1	✱	7471B	Total/NA
Cr (VI)	0.420	J	1.58	0.158	mg/Kg	1	✱	7199	Total/NA

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0174	J	0.0297	0.0142	mg/Kg	1	✱	8260D	Total/NA
Benzo[a]anthracene	0.200	J	0.446	0.0446	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	0.332	J	0.446	0.0446	mg/Kg	1	✱	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Detection Summary

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

Job ID: 752-38763-1

Client Sample ID: SED-6 (Continued)

Lab Sample ID: 752-38763-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.479		0.446	0.00189	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.271	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.165	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.274	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.0621	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	0.305	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.275	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.0722	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Pyrene	0.277	J	0.446	0.0446	mg/Kg	1	✱		8270E	Total/NA
Nitrate as N	1.54	J	3.36	0.974	mg/Kg	1	✱		9056A	Soluble
Arsenic	0.470	B	0.411	0.0366	mg/Kg	5	✱		6020B	Total/NA
Barium	16.4	B	1.71	0.00969	mg/Kg	5	✱		6020B	Total/NA
Beryllium	0.110	J	0.342	0.0240	mg/Kg	5	✱		6020B	Total/NA
Chromium	10.6		0.685	0.141	mg/Kg	5	✱		6020B	Total/NA
Cobalt	3.08		0.513	0.0194	mg/Kg	5	✱		6020B	Total/NA
Copper	3.69	B	0.342	0.0356	mg/Kg	5	✱		6020B	Total/NA
Lead	4.83		0.342	0.0404	mg/Kg	5	✱		6020B	Total/NA
Manganese	92.3	B	0.685	0.0421	mg/Kg	5	✱		6020B	Total/NA
Nickel	5.49	B	0.685	0.0179	mg/Kg	5	✱		6020B	Total/NA
Selenium	0.669	J B	1.71	0.121	mg/Kg	5	✱		6020B	Total/NA
Silver	0.214	B	0.171	0.00199	mg/Kg	5	✱		6020B	Total/NA
Vanadium	12.4	B	0.685	0.0859	mg/Kg	5	✱		6020B	Total/NA
Zinc	20.0	B	1.71	1.42	mg/Kg	5	✱		6020B	Total/NA
Cr (VI)	0.268	J	1.33	0.133	mg/Kg	1	✱		7199	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 752-38763-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-1

Lab Sample ID: 752-38763-1

Date Collected: 10/31/25 09:40

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0174	J	0.0289	0.0139	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Benzene	ND		0.00578	0.000775	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Bromobenzene	ND		0.00578	0.00150	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Chlorobromomethane	ND		0.00578	0.000937	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Dichlorobromomethane	ND		0.00578	0.00106	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Bromoform	ND		0.00578	0.00150	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Bromomethane	ND		0.00578	0.00289	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
2-Butanone (MEK)	ND		0.0289	0.00694	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
n-Butylbenzene	ND		0.00578	0.00111	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
sec-Butylbenzene	ND		0.00578	0.00110	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
tert-Butylbenzene	ND		0.00578	0.00127	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Carbon disulfide	ND		0.00578	0.00293	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Carbon tetrachloride	ND		0.00578	0.00197	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Chlorobenzene	ND		0.00578	0.00153	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Chloroethane	ND		0.00578	0.00382	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Chloroform	ND		0.00578	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Chloromethane	ND		0.00578	0.00256	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
2-Chlorotoluene	ND		0.00578	0.00192	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
4-Chlorotoluene	ND		0.00578	0.00113	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Chlorodibromomethane	ND		0.00578	0.00139	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2-Dibromo-3-Chloropropane	ND		0.00578	0.00382	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Ethylene Dibromide	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Dibromomethane	ND		0.00578	0.000960	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2-Dichlorobenzene	ND		0.00578	0.00184	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,3-Dichlorobenzene	ND		0.00578	0.00110	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,4-Dichlorobenzene	ND		0.00578	0.000995	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
trans-1,4-Dichloro-2-butene	ND		0.00578	0.00289	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1-Dichloroethane	ND		0.00578	0.000960	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2-Dichloroethane	ND		0.00578	0.00213	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
cis-1,2-Dichloroethene	ND		0.00578	0.000879	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
trans-1,2-Dichloroethene	ND		0.00578	0.00111	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1-Dichloroethene	ND		0.00578	0.00243	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2-Dichloropropane	ND		0.00578	0.000879	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,3-Dichloropropane	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
2,2-Dichloropropane	ND		0.00578	0.00127	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1-Dichloropropene	ND		0.00578	0.000960	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
cis-1,3-Dichloropropene	ND		0.00578	0.00139	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
trans-1,3-Dichloropropene	ND		0.00578	0.00127	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Ethylbenzene	ND		0.00578	0.000705	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Hexachlorobutadiene	ND		0.00578	0.00289	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
2-Hexanone	ND		0.0289	0.00578	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Iodomethane	ND		0.00578	0.00393	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Isopropylbenzene	ND		0.00578	0.000786	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
4-Isopropyltoluene	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Methylene Chloride	ND		0.0173	0.0116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
4-Methyl-2-pentanone (MIBK)	ND		0.0289	0.0155	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Methyl tert-butyl ether	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Naphthalene	ND		0.00578	0.00347	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
N-Propylbenzene	ND		0.00578	0.00104	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-1

Lab Sample ID: 752-38763-1

Date Collected: 10/31/25 09:40

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1,1,2-Tetrachloroethane	ND		0.00578	0.00127	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1,2,2-Tetrachloroethane	ND		0.00578	0.00199	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Tetrachloroethene	ND		0.00578	0.00347	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Toluene	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2,3-Trichlorobenzene	ND		0.00578	0.00127	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2,4-Trichlorobenzene	ND		0.00578	0.00232	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1,1-Trichloroethane	ND		0.00578	0.00127	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1,2-Trichloroethane	ND		0.00578	0.00186	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Trichloroethene	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Trichlorofluoromethane	ND		0.00578	0.00280	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2,3-Trichloropropane	ND		0.00578	0.00241	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00578	0.00217	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,2,4-Trimethylbenzene	ND		0.00578	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
1,3,5-Trimethylbenzene	ND		0.00578	0.000960	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Vinyl acetate	ND		0.0289	0.00738	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Vinyl chloride	ND		0.00578	0.00252	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
o-Xylene	ND		0.00578	0.00347	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
m-Xylene & p-Xylene	ND		0.00578	0.00347	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Xylenes, Total	ND		0.0116	0.00694	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Isopropyl ether	ND		0.00578	0.00160	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Hexane	ND		0.00578	0.00301	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
n-Heptane	ND		0.00578	0.00334	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1
Ethyl acetate	ND		0.0231	0.00578	mg/Kg	✱	11/06/25 11:32	11/06/25 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		50 - 150	11/06/25 11:32	11/06/25 18:12	1
Dibromofluoromethane	105		50 - 150	11/06/25 11:32	11/06/25 18:12	1
Toluene-d8 (Surr)	99		50 - 150	11/06/25 11:32	11/06/25 18:12	1
1,2-Dichloroethane-d4 (Surr)	111		50 - 150	11/06/25 11:32	11/06/25 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00314	0.00314	mg/Kg	☼	11/05/25 10:42	11/07/25 15:11	2
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	56		10 - 150				11/05/25 10:42	11/07/25 15:11	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	*+	0.401	0.0117	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,4,5-Trichlorophenol	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,4,6-Trichlorophenol	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,4-Dichlorophenol	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,4-Dimethylphenol	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,4-Dinitrophenol	ND		1.20	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,4-Dinitrotoluene	ND	*+	0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2,6-Dinitrotoluene	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2-Chloronaphthalene	ND	*+	0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2-Chlorophenol	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1
2-Methylnaphthalene	ND		0.401	0.0401	mg/Kg	✱	11/05/25 10:25	11/07/25 20:56	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-1

Lab Sample ID: 752-38763-1

Date Collected: 10/31/25 09:40

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
2-Nitroaniline	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
2-Nitrophenol	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
3 & 4 Methylphenol	ND		0.802	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
3,3'-Dichlorobenzidine	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
3-Nitroaniline	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4,6-Dinitro-2-methylphenol	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4-Bromophenyl phenyl ether	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4-Chloro-3-methylphenol	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4-Chloroaniline	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4-Chlorophenyl phenyl ether	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4-Nitroaniline	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
4-Nitrophenol	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Acenaphthene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Acenaphthylene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Acetophenone	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Anthracene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Atrazine	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Benzaldehyde	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Benzo[a]anthracene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Benzo[a]pyrene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Benzo[b]fluoranthene	0.0550	J	0.401	0.00170	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Benzo[g,h,i]perylene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Benzo[k]fluoranthene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
bis (2-chloroisopropyl) ether	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Bis(2-chloroethoxy)methane	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Bis(2-chloroethyl)ether	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Bis(2-ethylhexyl) phthalate	ND		0.401	0.122	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Butyl benzyl phthalate	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Caprolactam	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Carbazole	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Chrysene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Dibenz(a,h)anthracene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Dibenzofuran	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Diethyl phthalate	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Dimethyl phthalate	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Di-n-butyl phthalate	ND		1.20	0.365	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Di-n-octyl phthalate	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Fluoranthene	0.0788	J +	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Fluorene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Hexachlorobenzene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Hexachlorobutadiene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Hexachlorocyclopentadiene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Hexachloroethane	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Indeno[1,2,3-cd]pyrene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Isophorone	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Naphthalene	ND		0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
Nitrobenzene	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1
N-Nitrosodi-n-propylamine	ND	+	0.401	0.0401	mg/Kg	*	11/05/25 10:25	11/07/25 20:56	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-1

Lab Sample ID: 752-38763-1

Date Collected: 10/31/25 09:40

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND	*+	0.401	0.0401	mg/Kg	☼	11/05/25 10:25	11/07/25 20:56	1
Pentachlorophenol	ND	*+	0.401	0.0401	mg/Kg	☼	11/05/25 10:25	11/07/25 20:56	1
Phenanthrene	ND		0.401	0.0401	mg/Kg	☼	11/05/25 10:25	11/07/25 20:56	1
Phenol	ND		0.401	0.0401	mg/Kg	☼	11/05/25 10:25	11/07/25 20:56	1
Pyrene	0.0693	J *+	0.401	0.0401	mg/Kg	☼	11/05/25 10:25	11/07/25 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		40 - 140	11/05/25 10:25	11/07/25 20:56	1
2-Fluorobiphenyl (Surr)	112		40 - 140	11/05/25 10:25	11/07/25 20:56	1
2-Fluorophenol (Surr)	120		40 - 140	11/05/25 10:25	11/07/25 20:56	1
Nitrobenzene-d5 (Surr)	133		40 - 140	11/05/25 10:25	11/07/25 20:56	1
Phenol-d5 (Surr)	93		40 - 140	11/05/25 10:25	11/07/25 20:56	1
Terphenyl-d14 (Surr)	127		40 - 140	11/05/25 10:25	11/07/25 20:56	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.76	J	3.35	0.971	mg/Kg	☼		11/08/25 03:57	1
Sulfate	21.8		13.4	13.1	mg/Kg	☼		11/08/25 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.680	0.155	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Arsenic	0.319	J B	0.408	0.0364	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Barium	12.4	B	1.70	0.00962	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Beryllium	0.0530	J	0.340	0.0238	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Cadmium	ND		0.340	0.0111	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Chromium	6.35		0.680	0.140	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Cobalt	2.42		0.510	0.0192	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Copper	2.47	B	0.340	0.0353	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Lead	3.96		0.340	0.0401	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Manganese	82.3	B	0.680	0.0418	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Nickel	4.49	B	0.680	0.0178	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Selenium	0.451	J B	1.70	0.121	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Silver	0.161	J B	0.170	0.00197	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Thallium	ND		0.476	0.0286	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Vanadium	12.1	B	0.680	0.0853	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5
Zinc	14.6	B	1.70	1.41	mg/Kg	☼	11/05/25 11:37	11/13/25 19:34	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.131	0.0191	mg/Kg	☼	11/11/25 13:13	11/13/25 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.137	J	1.32	0.132	mg/Kg	☼	11/06/25 08:43	11/10/25 20:55	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	☼		11/12/25 11:34	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-2

Lab Sample ID: 752-38763-2

Date Collected: 10/31/25 10:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.147		0.0357	0.0171	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Benzene	ND		0.00714	0.000957	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Bromobenzene	ND		0.00714	0.00186	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Chlorobromomethane	ND		0.00714	0.00116	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Dichlorobromomethane	ND		0.00714	0.00131	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Bromoform	ND		0.00714	0.00186	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Bromomethane	0.00374	J	0.00714	0.00357	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
2-Butanone (MEK)	0.00927	J	0.0357	0.00857	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
n-Butylbenzene	ND		0.00714	0.00137	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
sec-Butylbenzene	ND		0.00714	0.00136	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
tert-Butylbenzene	ND		0.00714	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Carbon disulfide	ND		0.00714	0.00361	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Carbon tetrachloride	ND		0.00714	0.00243	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Chlorobenzene	ND		0.00714	0.00189	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Chloroethane	ND		0.00714	0.00471	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Chloroform	ND		0.00714	0.00194	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Chloromethane	ND		0.00714	0.00316	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
2-Chlorotoluene	ND		0.00714	0.00237	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
4-Chlorotoluene	ND		0.00714	0.00140	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Chlorodibromomethane	ND		0.00714	0.00171	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2-Dibromo-3-Chloropropane	ND		0.00714	0.00471	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Ethylene Dibromide	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Dibromomethane	ND		0.00714	0.00119	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2-Dichlorobenzene	ND		0.00714	0.00227	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,3-Dichlorobenzene	ND		0.00714	0.00136	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,4-Dichlorobenzene	ND		0.00714	0.00123	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
trans-1,4-Dichloro-2-butene	ND		0.00714	0.00357	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1-Dichloroethane	ND		0.00714	0.00119	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2-Dichloroethane	ND		0.00714	0.00263	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
cis-1,2-Dichloroethene	ND		0.00714	0.00109	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
trans-1,2-Dichloroethene	ND		0.00714	0.00137	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1-Dichloroethene	ND		0.00714	0.00300	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2-Dichloropropane	ND		0.00714	0.00109	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,3-Dichloropropane	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
2,2-Dichloropropane	ND		0.00714	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1-Dichloropropene	ND		0.00714	0.00119	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
cis-1,3-Dichloropropene	ND		0.00714	0.00171	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
trans-1,3-Dichloropropene	ND		0.00714	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Ethylbenzene	ND		0.00714	0.000871	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Hexachlorobutadiene	ND		0.00714	0.00357	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
2-Hexanone	ND		0.0357	0.00714	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Iodomethane	ND		0.00714	0.00486	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Isopropylbenzene	ND		0.00714	0.000971	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
4-Isopropyltoluene	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Methylene Chloride	ND		0.0214	0.0143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.0357	0.0192	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Methyl tert-butyl ether	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Naphthalene	ND		0.00714	0.00429	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
N-Propylbenzene	ND		0.00714	0.00129	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-2

Lab Sample ID: 752-38763-2

Date Collected: 10/31/25 10:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1,1,2-Tetrachloroethane	ND		0.00714	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1,2,2-Tetrachloroethane	ND		0.00714	0.00246	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Tetrachloroethene	ND		0.00714	0.00429	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Toluene	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2,3-Trichlorobenzene	ND		0.00714	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2,4-Trichlorobenzene	ND		0.00714	0.00287	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1,1-Trichloroethane	ND		0.00714	0.00157	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1,2-Trichloroethane	ND		0.00714	0.00230	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Trichloroethene	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Trichlorofluoromethane	ND		0.00714	0.00346	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2,3-Trichloropropane	ND		0.00714	0.00297	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00714	0.00269	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,2,4-Trimethylbenzene	ND		0.00714	0.00143	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
1,3,5-Trimethylbenzene	ND		0.00714	0.00119	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Vinyl acetate	ND		0.0357	0.00911	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Vinyl chloride	ND		0.00714	0.00311	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
o-Xylene	ND		0.00714	0.00429	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
m-Xylene & p-Xylene	ND		0.00714	0.00429	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Xylenes, Total	ND		0.0143	0.00857	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Isopropyl ether	ND		0.00714	0.00197	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Hexane	ND		0.00714	0.00371	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
n-Heptane	ND		0.00714	0.00413	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1
Ethyl acetate	ND		0.0286	0.00714	mg/Kg	✱	11/06/25 11:32	11/06/25 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		50 - 150	11/06/25 11:32	11/06/25 18:37	1
Dibromofluoromethane	101		50 - 150	11/06/25 11:32	11/06/25 18:37	1
Toluene-d8 (Surr)	101		50 - 150	11/06/25 11:32	11/06/25 18:37	1
1,2-Dichloroethane-d4 (Surr)	115		50 - 150	11/06/25 11:32	11/06/25 18:37	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		0.00743	0.00743	mg/Kg	☼	11/05/25 10:42	11/07/25 15:32	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	51		10 - 150				11/05/25 10:42	11/07/25 15:32	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.386	0.0112	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,4,5-Trichlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,4,6-Trichlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,4-Dichlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,4-Dimethylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,4-Dinitrophenol	ND		1.16	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,4-Dinitrotoluene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2,6-Dinitrotoluene	ND	*+	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2-Chloronaphthalene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2-Chlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2-Methylnaphthalene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-2

Lab Sample ID: 752-38763-2

Date Collected: 10/31/25 10:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2-Nitroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
2-Nitrophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
3 & 4 Methylphenol	ND		0.771	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
3,3'-Dichlorobenzidine	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
3-Nitroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4,6-Dinitro-2-methylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4-Bromophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4-Chloro-3-methylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4-Chloroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4-Chlorophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4-Nitroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
4-Nitrophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Acenaphthene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Acenaphthylene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Acetophenone	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Anthracene	0.0519	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Atrazine	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Benzaldehyde	0.0515	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Benzo[a]anthracene	0.487		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Benzo[a]pyrene	0.601		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Benzo[b]fluoranthene	0.937		0.386	0.00164	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Benzo[g,h,i]perylene	0.539		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Benzo[k]fluoranthene	0.349	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
bis (2-chloroisopropyl) ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Bis(2-chloroethoxy)methane	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Bis(2-chloroethyl)ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Bis(2-ethylhexyl) phthalate	ND		0.386	0.117	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Butyl benzyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Caprolactam	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Carbazole	0.0600	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Chrysene	0.661		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Dibenz(a,h)anthracene	0.113	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Dibenzofuran	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Diethyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Dimethyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Di-n-butyl phthalate	ND		1.16	0.350	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Di-n-octyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Fluoranthene	1.17		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Fluorene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Hexachlorobenzene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Hexachlorobutadiene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Hexachlorocyclopentadiene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Hexachloroethane	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Indeno[1,2,3-cd]pyrene	0.505		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Isophorone	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Naphthalene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
Nitrobenzene	ND	+	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1
N-Nitrosodi-n-propylamine	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 17:13	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-2

Lab Sample ID: 752-38763-2

Date Collected: 10/31/25 10:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 17:13	1
Pentachlorophenol	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 17:13	1
Phenanthrene	0.390		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 17:13	1
Phenol	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 17:13	1
Pyrene	0.958		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 17:13	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	110		40 - 140				11/10/25 10:24	11/12/25 17:13	1
2-Fluorobiphenyl (Surr)	105		40 - 140				11/10/25 10:24	11/12/25 17:13	1
2-Fluorophenol (Surr)	111		40 - 140				11/10/25 10:24	11/12/25 17:13	1
Nitrobenzene-d5 (Surr)	127		40 - 140				11/10/25 10:24	11/12/25 17:13	1
Phenol-d5 (Surr)	96		40 - 140				11/10/25 10:24	11/12/25 17:13	1
Terphenyl-d14 (Surr)	107		40 - 140				11/10/25 10:24	11/12/25 17:13	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	4.98		3.10	0.898	mg/Kg	☼		11/08/25 04:32	1
Sulfate	17.8		12.4	12.1	mg/Kg	☼		11/08/25 04:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.799	0.183	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Arsenic	0.905	B	0.479	0.0428	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Barium	34.7	B	2.00	0.0113	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Beryllium	0.166	J	0.400	0.0280	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Cadmium	ND		0.400	0.0130	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Chromium	12.6		0.799	0.165	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Cobalt	5.06		0.599	0.0226	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Copper	8.44	B	0.400	0.0416	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Lead	10.9		0.400	0.0471	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Manganese	212	B	0.799	0.0491	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Nickel	7.78	B	0.799	0.0209	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Selenium	0.464	J B	2.00	0.142	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Silver	0.343	B	0.200	0.00232	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Thallium	ND		0.559	0.0337	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Vanadium	16.1	B	0.799	0.100	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5
Zinc	34.9	B	2.00	1.66	mg/Kg	☼	11/05/25 11:37	11/13/25 19:37	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0214	J	0.116	0.0169	mg/Kg	☼	11/11/25 13:13	11/13/25 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.299	J	1.13	0.113	mg/Kg	☼	11/06/25 08:43	11/10/25 21:33	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.24	0.398	mg/Kg	☼		11/12/25 11:47	1

Eurofins Raleigh

Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Date Collected: 10/31/25 11:10

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0895		0.0291	0.0140	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Benzene	ND		0.00582	0.000780	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Bromobenzene	ND		0.00582	0.00151	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Chlorobromomethane	ND		0.00582	0.000943	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Dichlorobromomethane	ND		0.00582	0.00107	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Bromoform	ND		0.00582	0.00151	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Bromomethane	ND		0.00582	0.00291	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
2-Butanone (MEK)	0.00869	J	0.0291	0.00699	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
n-Butylbenzene	ND		0.00582	0.00112	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
sec-Butylbenzene	ND		0.00582	0.00111	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
tert-Butylbenzene	ND		0.00582	0.00128	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Carbon disulfide	ND		0.00582	0.00295	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Carbon tetrachloride	ND		0.00582	0.00198	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Chlorobenzene	ND		0.00582	0.00154	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Chloroethane	ND		0.00582	0.00384	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Chloroform	ND		0.00582	0.00158	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Chloromethane	ND		0.00582	0.00257	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
2-Chlorotoluene	ND		0.00582	0.00193	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
4-Chlorotoluene	ND		0.00582	0.00114	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Chlorodibromomethane	ND		0.00582	0.00140	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2-Dibromo-3-Chloropropane	ND		0.00582	0.00384	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Ethylene Dibromide	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Dibromomethane	ND		0.00582	0.000966	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2-Dichlorobenzene	ND		0.00582	0.00185	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,3-Dichlorobenzene	ND		0.00582	0.00111	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,4-Dichlorobenzene	ND		0.00582	0.00100	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
trans-1,4-Dichloro-2-butene	ND		0.00582	0.00291	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1-Dichloroethane	ND		0.00582	0.000966	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2-Dichloroethane	ND		0.00582	0.00214	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
cis-1,2-Dichloroethene	ND		0.00582	0.000885	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
trans-1,2-Dichloroethene	ND		0.00582	0.00112	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1-Dichloroethene	ND		0.00582	0.00245	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2-Dichloropropane	ND		0.00582	0.000885	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,3-Dichloropropane	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
2,2-Dichloropropane	ND		0.00582	0.00128	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1-Dichloropropene	ND		0.00582	0.000966	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
cis-1,3-Dichloropropene	ND		0.00582	0.00140	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
trans-1,3-Dichloropropene	ND		0.00582	0.00128	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Ethylbenzene	ND		0.00582	0.000710	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Hexachlorobutadiene	ND		0.00582	0.00291	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
2-Hexanone	ND		0.0291	0.00582	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Iodomethane	ND		0.00582	0.00396	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Isopropylbenzene	ND		0.00582	0.000792	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
4-Isopropyltoluene	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Methylene Chloride	ND		0.0175	0.0116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.0291	0.0156	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Methyl tert-butyl ether	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Naphthalene	ND		0.00582	0.00349	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
N-Propylbenzene	ND		0.00582	0.00105	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Date Collected: 10/31/25 11:10

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1,1,2-Tetrachloroethane	ND		0.00582	0.00128	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1,2,2-Tetrachloroethane	ND		0.00582	0.00200	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Tetrachloroethene	ND		0.00582	0.00349	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Toluene	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2,3-Trichlorobenzene	ND		0.00582	0.00128	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2,4-Trichlorobenzene	ND		0.00582	0.00234	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1,1-Trichloroethane	ND		0.00582	0.00128	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1,2-Trichloroethane	ND		0.00582	0.00187	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Trichloroethene	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Trichlorofluoromethane	ND		0.00582	0.00282	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2,3-Trichloropropane	ND		0.00582	0.00242	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00582	0.00219	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,2,4-Trimethylbenzene	ND		0.00582	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
1,3,5-Trimethylbenzene	ND		0.00582	0.000966	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Vinyl acetate	ND		0.0291	0.00743	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Vinyl chloride	ND		0.00582	0.00254	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
o-Xylene	ND		0.00582	0.00349	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
m-Xylene & p-Xylene	ND		0.00582	0.00349	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Xylenes, Total	ND		0.0116	0.00699	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Isopropyl ether	ND		0.00582	0.00161	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Hexane	ND		0.00582	0.00303	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
n-Heptane	ND		0.00582	0.00336	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1
Ethyl acetate	ND		0.0233	0.00582	mg/Kg	✱	11/10/25 12:13	11/10/25 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		50 - 150	11/10/25 12:13	11/10/25 17:25	1
Dibromofluoromethane	101		50 - 150	11/10/25 12:13	11/10/25 17:25	1
Toluene-d8 (Surr)	101		50 - 150	11/10/25 12:13	11/10/25 17:25	1
1,2-Dichloroethane-d4 (Surr)	107		50 - 150	11/10/25 12:13	11/10/25 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00660	0.00660	mg/Kg	☼	11/05/25 10:42	11/07/25 15:54	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	51		10 - 150				11/05/25 10:42	11/07/25 15:54	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.366	0.0106	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,4,5-Trichlorophenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,4,6-Trichlorophenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,4-Dichlorophenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,4-Dimethylphenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,4-Dinitrophenol	ND		1.10	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,4-Dinitrotoluene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2,6-Dinitrotoluene	ND	*+	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2-Chloronaphthalene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2-Chlorophenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2-Methylnaphthalene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Date Collected: 10/31/25 11:10

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2-Nitroaniline	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
2-Nitrophenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
3 & 4 Methylphenol	ND		0.732	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
3,3'-Dichlorobenzidine	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
3-Nitroaniline	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4,6-Dinitro-2-methylphenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4-Bromophenyl phenyl ether	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4-Chloro-3-methylphenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4-Chloroaniline	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4-Chlorophenyl phenyl ether	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4-Nitroaniline	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
4-Nitrophenol	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Acenaphthene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Acenaphthylene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Acetophenone	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Anthracene	0.0555	J	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Atrazine	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Benzaldehyde	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Benzo[a]anthracene	0.336	J	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Benzo[a]pyrene	0.455		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Benzo[b]fluoranthene	0.731		0.366	0.00155	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Benzo[g,h,i]perylene	0.442		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Benzo[k]fluoranthene	0.259	J	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
bis (2-chloroisopropyl) ether	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Bis(2-chloroethoxy)methane	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Bis(2-chloroethyl)ether	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Bis(2-ethylhexyl) phthalate	ND		0.366	0.111	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Butyl benzyl phthalate	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Caprolactam	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Carbazole	0.0616	J	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Chrysene	0.529		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Dibenz(a,h)anthracene	0.0882	J	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Dibenzofuran	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Diethyl phthalate	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Dimethyl phthalate	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Di-n-butyl phthalate	ND		1.10	0.333	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Di-n-octyl phthalate	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Fluoranthene	0.944		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Fluorene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Hexachlorobenzene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Hexachlorobutadiene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Hexachlorocyclopentadiene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Hexachloroethane	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Indeno[1,2,3-cd]pyrene	0.413		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Isophorone	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Naphthalene	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
Nitrobenzene	ND	+	0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1
N-Nitrosodi-n-propylamine	ND		0.366	0.0366	mg/Kg	✱	11/10/25 10:24	11/12/25 17:44	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Date Collected: 10/31/25 11:10

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.366	0.0366	mg/Kg	☼	11/10/25 10:24	11/12/25 17:44	1
Pentachlorophenol	ND		0.366	0.0366	mg/Kg	☼	11/10/25 10:24	11/12/25 17:44	1
Phenanthrene	0.393		0.366	0.0366	mg/Kg	☼	11/10/25 10:24	11/12/25 17:44	1
Phenol	ND		0.366	0.0366	mg/Kg	☼	11/10/25 10:24	11/12/25 17:44	1
Pyrene	0.770		0.366	0.0366	mg/Kg	☼	11/10/25 10:24	11/12/25 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		40 - 140	11/10/25 10:24	11/12/25 17:44	1
2-Fluorobiphenyl (Surr)	95		40 - 140	11/10/25 10:24	11/12/25 17:44	1
2-Fluorophenol (Surr)	103		40 - 140	11/10/25 10:24	11/12/25 17:44	1
Nitrobenzene-d5 (Surr)	119		40 - 140	11/10/25 10:24	11/12/25 17:44	1
Phenol-d5 (Surr)	93		40 - 140	11/10/25 10:24	11/12/25 17:44	1
Terphenyl-d14 (Surr)	100		40 - 140	11/10/25 10:24	11/12/25 17:44	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.99	J	2.75	0.797	mg/Kg	☼		11/08/25 04:43	1
Sulfate	11.4		11.0	10.8	mg/Kg	☼		11/08/25 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.575	0.131	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Arsenic	0.716	B	0.345	0.0308	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Barium	23.6	B	1.44	0.00814	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Beryllium	0.107	J	0.288	0.0202	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Cadmium	ND		0.288	0.00938	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Chromium	10.9		0.575	0.119	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Cobalt	3.88		0.431	0.0163	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Copper	5.69	B	0.288	0.0299	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Lead	7.24		0.288	0.0339	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Manganese	123	B	0.575	0.0354	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Nickel	6.21	B	0.575	0.0150	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Selenium	0.556	J B	1.44	0.102	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Silver	0.158	B	0.144	0.00167	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Thallium	ND		0.403	0.0242	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Vanadium	13.0	B	0.575	0.0722	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5
Zinc	25.8	B	1.44	1.19	mg/Kg	☼	11/05/25 11:37	11/13/25 19:39	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.107	0.0156	mg/Kg	☼	11/11/25 13:13	11/13/25 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.686	J	1.08	0.108	mg/Kg	☼	11/06/25 08:43	11/10/25 21:46	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.10	0.351	mg/Kg	☼		11/12/25 11:50	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-4

Lab Sample ID: 752-38763-4

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.103		0.0249	0.0120	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Benzene	ND		0.00499	0.000668	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Bromobenzene	ND		0.00499	0.00130	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Chlorobromomethane	ND		0.00499	0.000808	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Dichlorobromomethane	ND		0.00499	0.000918	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Bromoform	ND		0.00499	0.00130	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Bromomethane	ND		0.00499	0.00249	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
2-Butanone (MEK)	0.00990	J	0.0249	0.00599	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
n-Butylbenzene	ND		0.00499	0.000958	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
sec-Butylbenzene	ND		0.00499	0.000948	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
tert-Butylbenzene	ND		0.00499	0.00110	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Carbon disulfide	ND		0.00499	0.00252	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Carbon tetrachloride	ND		0.00499	0.00170	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Chlorobenzene	ND		0.00499	0.00132	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Chloroethane	ND		0.00499	0.00329	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Chloroform	ND		0.00499	0.00136	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Chloromethane	ND		0.00499	0.00220	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
2-Chlorotoluene	ND		0.00499	0.00166	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
4-Chlorotoluene	ND		0.00499	0.000978	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Chlorodibromomethane	ND		0.00499	0.00120	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2-Dibromo-3-Chloropropane	ND		0.00499	0.00329	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Ethylene Dibromide	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Dibromomethane	ND		0.00499	0.000828	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2-Dichlorobenzene	ND		0.00499	0.00159	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,3-Dichlorobenzene	ND		0.00499	0.000948	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,4-Dichlorobenzene	ND		0.00499	0.000858	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
trans-1,4-Dichloro-2-butene	ND		0.00499	0.00249	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1-Dichloroethane	ND		0.00499	0.000828	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2-Dichloroethane	ND		0.00499	0.00184	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
cis-1,2-Dichloroethene	ND		0.00499	0.000758	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
trans-1,2-Dichloroethene	ND		0.00499	0.000958	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1-Dichloroethene	ND		0.00499	0.00210	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2-Dichloropropane	ND		0.00499	0.000758	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,3-Dichloropropane	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
2,2-Dichloropropane	ND		0.00499	0.00110	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1-Dichloropropene	ND		0.00499	0.000828	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
cis-1,3-Dichloropropene	ND		0.00499	0.00120	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
trans-1,3-Dichloropropene	ND		0.00499	0.00110	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Ethylbenzene	ND		0.00499	0.000609	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Hexachlorobutadiene	ND		0.00499	0.00249	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
2-Hexanone	ND		0.0249	0.00499	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Iodomethane	ND		0.00499	0.00339	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Isopropylbenzene	ND		0.00499	0.000678	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
4-Isopropyltoluene	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Methylene Chloride	ND		0.0150	0.00998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.0249	0.0134	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Methyl tert-butyl ether	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Naphthalene	ND		0.00499	0.00299	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
N-Propylbenzene	ND		0.00499	0.000898	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-4

Lab Sample ID: 752-38763-4

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1,1,2-Tetrachloroethane	ND		0.00499	0.00110	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1,2,2-Tetrachloroethane	ND		0.00499	0.00172	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Tetrachloroethene	ND		0.00499	0.00299	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Toluene	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2,3-Trichlorobenzene	ND		0.00499	0.00110	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2,4-Trichlorobenzene	ND		0.00499	0.00201	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1,1-Trichloroethane	ND		0.00499	0.00110	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1,2-Trichloroethane	ND		0.00499	0.00161	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Trichloroethene	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Trichlorofluoromethane	ND		0.00499	0.00241	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2,3-Trichloropropane	ND		0.00499	0.00208	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00499	0.00188	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,2,4-Trimethylbenzene	ND		0.00499	0.000998	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
1,3,5-Trimethylbenzene	ND		0.00499	0.000828	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Vinyl acetate	ND		0.0249	0.00637	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Vinyl chloride	ND		0.00499	0.00217	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
o-Xylene	ND		0.00499	0.00299	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
m-Xylene & p-Xylene	ND		0.00499	0.00299	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Xylenes, Total	ND		0.00998	0.00599	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Isopropyl ether	ND		0.00499	0.00138	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Hexane	ND		0.00499	0.00259	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
n-Heptane	ND		0.00499	0.00288	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1
Ethyl acetate	ND		0.0200	0.00499	mg/Kg	✱	11/10/25 12:13	11/10/25 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		50 - 150	11/10/25 12:13	11/10/25 17:53	1
Dibromofluoromethane	98		50 - 150	11/10/25 12:13	11/10/25 17:53	1
Toluene-d8 (Surr)	101		50 - 150	11/10/25 12:13	11/10/25 17:53	1
1,2-Dichloroethane-d4 (Surr)	107		50 - 150	11/10/25 12:13	11/10/25 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00755	0.00755	mg/Kg	☼	11/05/25 10:42	11/07/25 16:16	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	50		10 - 150				11/05/25 10:42	11/07/25 16:16	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.386	0.0112	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,4,5-Trichlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,4,6-Trichlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,4-Dichlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,4-Dimethylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,4-Dinitrophenol	ND		1.16	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,4-Dinitrotoluene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2,6-Dinitrotoluene	ND	*+	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2-Chloronaphthalene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2-Chlorophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2-Methylnaphthalene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-4

Lab Sample ID: 752-38763-4

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2-Nitroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
2-Nitrophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
3 & 4 Methylphenol	ND		0.771	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
3,3'-Dichlorobenzidine	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
3-Nitroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4,6-Dinitro-2-methylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4-Bromophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4-Chloro-3-methylphenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4-Chloroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4-Chlorophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4-Nitroaniline	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
4-Nitrophenol	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Acenaphthene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Acenaphthylene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Acetophenone	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Anthracene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Atrazine	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Benzaldehyde	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Benzo[a]anthracene	0.0461	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Benzo[a]pyrene	0.0577	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Benzo[b]fluoranthene	0.0956	J	0.386	0.00164	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Benzo[g,h,i]perylene	0.0541	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Benzo[k]fluoranthene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
bis (2-chloroisopropyl) ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Bis(2-chloroethoxy)methane	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Bis(2-chloroethyl)ether	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Bis(2-ethylhexyl) phthalate	ND		0.386	0.117	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Butyl benzyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Caprolactam	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Carbazole	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Chrysene	0.0692	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Dibenz(a,h)anthracene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Dibenzofuran	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Diethyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Dimethyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Di-n-butyl phthalate	ND		1.16	0.350	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Di-n-octyl phthalate	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Fluoranthene	0.118	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Fluorene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Hexachlorobenzene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Hexachlorobutadiene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Hexachlorocyclopentadiene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Hexachloroethane	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Indeno[1,2,3-cd]pyrene	0.0519	J	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Isophorone	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Naphthalene	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
Nitrobenzene	ND	+	0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1
N-Nitrosodi-n-propylamine	ND		0.386	0.0386	mg/Kg	✱	11/10/25 10:24	11/12/25 18:14	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-4

Lab Sample ID: 752-38763-4

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 18:14	1
Pentachlorophenol	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 18:14	1
Phenanthrene	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 18:14	1
Phenol	ND		0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 18:14	1
Pyrene	0.101	J	0.386	0.0386	mg/Kg	☼	11/10/25 10:24	11/12/25 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		40 - 140	11/10/25 10:24	11/12/25 18:14	1
2-Fluorobiphenyl (Surr)	93		40 - 140	11/10/25 10:24	11/12/25 18:14	1
2-Fluorophenol (Surr)	100		40 - 140	11/10/25 10:24	11/12/25 18:14	1
Nitrobenzene-d5 (Surr)	115		40 - 140	11/10/25 10:24	11/12/25 18:14	1
Phenol-d5 (Surr)	86		40 - 140	11/10/25 10:24	11/12/25 18:14	1
Terphenyl-d14 (Surr)	99		40 - 140	11/10/25 10:24	11/12/25 18:14	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.43	J	3.15	0.913	mg/Kg	☼		11/08/25 04:54	1
Sulfate	42.5		12.6	12.4	mg/Kg	☼		11/08/25 04:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.787	0.180	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Arsenic	1.24	B	0.472	0.0421	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Barium	104	B	1.97	0.0111	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Beryllium	0.463		0.393	0.0276	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Cadmium	ND		0.393	0.0128	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Chromium	20.9		0.787	0.162	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Cobalt	8.38		0.590	0.0223	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Copper	8.67	B	0.393	0.0409	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Lead	11.6		0.393	0.0464	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Manganese	583	B	0.787	0.0484	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Nickel	7.94	B	0.787	0.0206	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Selenium	0.337	J B	1.97	0.140	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Silver	0.198	B	0.197	0.00228	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Thallium	0.0838	J	0.551	0.0332	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Vanadium	26.1	B	0.787	0.0987	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5
Zinc	17.0	B	1.97	1.63	mg/Kg	☼	11/05/25 11:37	11/13/25 19:42	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0272	J	0.117	0.0170	mg/Kg	☼	11/11/25 13:13	11/13/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.896	J	1.20	0.120	mg/Kg	☼	11/06/25 08:43	11/10/25 22:24	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	☼		11/12/25 11:52	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-DUP

Lab Sample ID: 752-38763-5

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0651		0.0264	0.0127	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Benzene	ND		0.00529	0.000708	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Bromobenzene	ND		0.00529	0.00137	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Chlorobromomethane	ND		0.00529	0.000856	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Dichlorobromomethane	ND		0.00529	0.000973	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Bromoform	ND		0.00529	0.00137	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Bromomethane	ND		0.00529	0.00264	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
2-Butanone (MEK)	0.00725	J	0.0264	0.00634	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
n-Butylbenzene	ND		0.00529	0.00102	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
sec-Butylbenzene	ND		0.00529	0.00100	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
tert-Butylbenzene	ND		0.00529	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Carbon disulfide	ND		0.00529	0.00268	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Carbon tetrachloride	ND		0.00529	0.00180	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Chlorobenzene	ND		0.00529	0.00140	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Chloroethane	ND		0.00529	0.00349	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Chloroform	ND		0.00529	0.00144	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Chloromethane	ND		0.00529	0.00234	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
2-Chlorotoluene	ND		0.00529	0.00176	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
4-Chlorotoluene	ND		0.00529	0.00104	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Chlorodibromomethane	ND		0.00529	0.00127	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2-Dibromo-3-Chloropropane	ND		0.00529	0.00349	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Ethylene Dibromide	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Dibromomethane	ND		0.00529	0.000878	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2-Dichlorobenzene	ND		0.00529	0.00168	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,3-Dichlorobenzene	ND		0.00529	0.00100	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,4-Dichlorobenzene	ND		0.00529	0.000909	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
trans-1,4-Dichloro-2-butene	ND		0.00529	0.00264	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1-Dichloroethane	ND		0.00529	0.000878	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2-Dichloroethane	ND		0.00529	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
cis-1,2-Dichloroethene	ND		0.00529	0.000804	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
trans-1,2-Dichloroethene	ND		0.00529	0.00102	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1-Dichloroethene	ND		0.00529	0.00222	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2-Dichloropropane	ND		0.00529	0.000804	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,3-Dichloropropane	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
2,2-Dichloropropane	ND		0.00529	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1-Dichloropropene	ND		0.00529	0.000878	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
cis-1,3-Dichloropropene	ND		0.00529	0.00127	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
trans-1,3-Dichloropropene	ND		0.00529	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Ethylbenzene	ND		0.00529	0.000645	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Hexachlorobutadiene	ND		0.00529	0.00264	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
2-Hexanone	ND		0.0264	0.00529	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Iodomethane	ND		0.00529	0.00360	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Isopropylbenzene	ND		0.00529	0.000719	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
4-Isopropyltoluene	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Methylene Chloride	ND		0.0159	0.0106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.0264	0.0142	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Methyl tert-butyl ether	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Naphthalene	ND		0.00529	0.00317	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
N-Propylbenzene	ND		0.00529	0.000952	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-DUP

Lab Sample ID: 752-38763-5

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1,1,2-Tetrachloroethane	ND		0.00529	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.00529	0.00182	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Tetrachloroethene	ND		0.00529	0.00317	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Toluene	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2,3-Trichlorobenzene	ND		0.00529	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2,4-Trichlorobenzene	ND		0.00529	0.00213	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1,1-Trichloroethane	ND		0.00529	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1,2-Trichloroethane	ND		0.00529	0.00170	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Trichloroethene	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Trichlorofluoromethane	ND		0.00529	0.00256	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2,3-Trichloropropane	ND		0.00529	0.00220	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00529	0.00199	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,2,4-Trimethylbenzene	ND		0.00529	0.00106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
1,3,5-Trimethylbenzene	ND		0.00529	0.000878	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Vinyl acetate	ND		0.0264	0.00675	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Vinyl chloride	ND		0.00529	0.00231	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
o-Xylene	ND		0.00529	0.00317	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
m-Xylene & p-Xylene	ND		0.00529	0.00317	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Xylenes, Total	ND		0.0106	0.00634	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Isopropyl ether	ND		0.00529	0.00146	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Hexane	ND		0.00529	0.00275	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
n-Heptane	ND		0.00529	0.00306	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1
Ethyl acetate	ND		0.0211	0.00529	mg/Kg	✱	11/10/25 12:13	11/10/25 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		50 - 150	11/10/25 12:13	11/10/25 18:20	1
Dibromofluoromethane	99		50 - 150	11/10/25 12:13	11/10/25 18:20	1
Toluene-d8 (Surr)	101		50 - 150	11/10/25 12:13	11/10/25 18:20	1
1,2-Dichloroethane-d4 (Surr)	108		50 - 150	11/10/25 12:13	11/10/25 18:20	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		0.00701	0.00701	mg/Kg	☼	11/05/25 10:42	11/07/25 16:38	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	37		10 - 150				11/05/25 10:42	11/07/25 16:38	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.389	0.0113	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,4,5-Trichlorophenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,4,6-Trichlorophenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,4-Dichlorophenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,4-Dimethylphenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,4-Dinitrophenol	ND		1.17	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,4-Dinitrotoluene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2,6-Dinitrotoluene	ND	*+	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2-Chloronaphthalene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2-Chlorophenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2-Methylnaphthalene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-DUP

Lab Sample ID: 752-38763-5

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2-Nitroaniline	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
2-Nitrophenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
3 & 4 Methylphenol	ND		0.777	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
3,3'-Dichlorobenzidine	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
3-Nitroaniline	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4,6-Dinitro-2-methylphenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4-Bromophenyl phenyl ether	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4-Chloro-3-methylphenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4-Chloroaniline	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4-Chlorophenyl phenyl ether	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4-Nitroaniline	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
4-Nitrophenol	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Acenaphthene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Acenaphthylene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Acetophenone	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Anthracene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Atrazine	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Benzaldehyde	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Benzo[a]anthracene	0.0717	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Benzo[a]pyrene	0.0959	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Benzo[b]fluoranthene	0.167	J	0.389	0.00165	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Benzo[g,h,i]perylene	0.0928	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Benzo[k]fluoranthene	0.0574	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
bis (2-chloroisopropyl) ether	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Bis(2-chloroethoxy)methane	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Bis(2-chloroethyl)ether	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Bis(2-ethylhexyl) phthalate	ND		0.389	0.118	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Butyl benzyl phthalate	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Caprolactam	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Carbazole	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Chrysene	0.123	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Dibenz(a,h)anthracene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Dibenzofuran	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Diethyl phthalate	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Dimethyl phthalate	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Di-n-butyl phthalate	ND		1.17	0.353	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Di-n-octyl phthalate	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Fluoranthene	0.221	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Fluorene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Hexachlorobenzene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Hexachlorobutadiene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Hexachlorocyclopentadiene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Hexachloroethane	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Indeno[1,2,3-cd]pyrene	0.0887	J	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Isophorone	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Naphthalene	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
Nitrobenzene	ND	+	0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1
N-Nitrosodi-n-propylamine	ND		0.389	0.0389	mg/Kg	✱	11/10/25 10:24	11/12/25 18:44	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-DUP

Lab Sample ID: 752-38763-5

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.389	0.0389	mg/Kg	☼	11/10/25 10:24	11/12/25 18:44	1
Pentachlorophenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 10:24	11/12/25 18:44	1
Phenanthrene	0.0923	J	0.389	0.0389	mg/Kg	☼	11/10/25 10:24	11/12/25 18:44	1
Phenol	ND		0.389	0.0389	mg/Kg	☼	11/10/25 10:24	11/12/25 18:44	1
Pyrene	0.179	J	0.389	0.0389	mg/Kg	☼	11/10/25 10:24	11/12/25 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		40 - 140	11/10/25 10:24	11/12/25 18:44	1
2-Fluorobiphenyl (Surr)	94		40 - 140	11/10/25 10:24	11/12/25 18:44	1
2-Fluorophenol (Surr)	98		40 - 140	11/10/25 10:24	11/12/25 18:44	1
Nitrobenzene-d5 (Surr)	114		40 - 140	11/10/25 10:24	11/12/25 18:44	1
Phenol-d5 (Surr)	81		40 - 140	11/10/25 10:24	11/12/25 18:44	1
Terphenyl-d14 (Surr)	106		40 - 140	11/10/25 10:24	11/12/25 18:44	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.64	J	2.97	0.862	mg/Kg	☼		11/08/25 05:06	1
Sulfate	17.2		11.9	11.7	mg/Kg	☼		11/08/25 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.750	0.171	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Arsenic	1.35	B	0.450	0.0401	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Barium	53.0	B	1.87	0.0106	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Beryllium	0.275	J	0.375	0.0263	mg/Kg	☼	11/05/25 11:37	11/14/25 14:48	5
Cadmium	0.100	J	0.375	0.0122	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Chromium	17.4		0.750	0.154	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Cobalt	6.82		0.562	0.0212	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Copper	13.4	B	0.375	0.0390	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Lead	19.2		0.375	0.0442	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Manganese	333	B	0.750	0.0461	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Nickel	10.1	B	0.750	0.0196	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Selenium	0.523	J B	1.87	0.133	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Silver	0.447	B	0.187	0.00217	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Thallium	0.0424	J	0.525	0.0316	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Vanadium	21.7	B	0.750	0.0941	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5
Zinc	60.9	B	1.87	1.56	mg/Kg	☼	11/05/25 11:37	11/13/25 20:14	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0292	J	0.109	0.0159	mg/Kg	☼	11/11/25 13:13	11/13/25 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.643	J	1.17	0.117	mg/Kg	☼	11/06/25 08:43	11/10/25 22:36	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.19	0.382	mg/Kg	☼		11/12/25 11:55	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 63.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.320		0.0443	0.0212	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Benzene	ND		0.00885	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Bromobenzene	ND		0.00885	0.00230	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Chlorobromomethane	ND		0.00885	0.00143	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Dichlorobromomethane	ND		0.00885	0.00163	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Bromoform	ND		0.00885	0.00230	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Bromomethane	ND		0.00885	0.00443	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
2-Butanone (MEK)	0.0256	J	0.0443	0.0106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
n-Butylbenzene	ND		0.00885	0.00170	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
sec-Butylbenzene	ND		0.00885	0.00168	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
tert-Butylbenzene	ND		0.00885	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Carbon disulfide	ND		0.00885	0.00448	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Carbon tetrachloride	ND		0.00885	0.00301	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Chlorobenzene	ND		0.00885	0.00234	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Chloroethane	ND		0.00885	0.00584	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Chloroform	ND		0.00885	0.00241	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Chloromethane	ND		0.00885	0.00391	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
2-Chlorotoluene	ND		0.00885	0.00294	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
4-Chlorotoluene	ND		0.00885	0.00174	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Chlorodibromomethane	ND		0.00885	0.00212	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2-Dibromo-3-Chloropropane	ND		0.00885	0.00584	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Ethylene Dibromide	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Dibromomethane	ND		0.00885	0.00147	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2-Dichlorobenzene	ND		0.00885	0.00282	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,3-Dichlorobenzene	ND		0.00885	0.00168	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,4-Dichlorobenzene	ND		0.00885	0.00152	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
trans-1,4-Dichloro-2-butene	ND		0.00885	0.00443	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1-Dichloroethane	ND		0.00885	0.00147	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2-Dichloroethane	ND		0.00885	0.00326	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
cis-1,2-Dichloroethene	ND		0.00885	0.00135	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
trans-1,2-Dichloroethene	ND		0.00885	0.00170	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1-Dichloroethene	ND		0.00885	0.00372	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2-Dichloropropane	ND		0.00885	0.00135	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,3-Dichloropropane	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
2,2-Dichloropropane	ND		0.00885	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1-Dichloropropene	ND		0.00885	0.00147	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
cis-1,3-Dichloropropene	ND		0.00885	0.00212	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
trans-1,3-Dichloropropene	ND		0.00885	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Ethylbenzene	ND		0.00885	0.00108	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Hexachlorobutadiene	ND		0.00885	0.00443	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
2-Hexanone	ND		0.0443	0.00885	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Iodomethane	ND		0.00885	0.00602	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Isopropylbenzene	ND		0.00885	0.00120	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
4-Isopropyltoluene	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Methylene Chloride	ND		0.0266	0.0177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.0443	0.0238	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Methyl tert-butyl ether	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Naphthalene	ND		0.00885	0.00531	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
N-Propylbenzene	ND		0.00885	0.00159	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 63.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1,1,2-Tetrachloroethane	ND		0.00885	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1,2,2-Tetrachloroethane	ND		0.00885	0.00305	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Tetrachloroethene	ND		0.00885	0.00531	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Toluene	0.00185	J	0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2,3-Trichlorobenzene	ND		0.00885	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2,4-Trichlorobenzene	ND		0.00885	0.00356	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1,1-Trichloroethane	ND		0.00885	0.00195	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1,2-Trichloroethane	ND		0.00885	0.00285	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Trichloroethene	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Trichlorofluoromethane	ND		0.00885	0.00429	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2,3-Trichloropropane	ND		0.00885	0.00368	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00885	0.00333	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,2,4-Trimethylbenzene	ND		0.00885	0.00177	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
1,3,5-Trimethylbenzene	ND		0.00885	0.00147	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Vinyl acetate	ND		0.0443	0.0113	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Vinyl chloride	ND		0.00885	0.00386	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
o-Xylene	ND		0.00885	0.00531	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
m-Xylene & p-Xylene	ND		0.00885	0.00531	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Xylenes, Total	ND		0.0177	0.0106	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Isopropyl ether	ND		0.00885	0.00244	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Hexane	ND		0.00885	0.00460	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
n-Heptane	ND		0.00885	0.00512	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1
Ethyl acetate	ND		0.0354	0.00885	mg/Kg	✱	11/10/25 12:13	11/10/25 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		50 - 150	11/10/25 12:13	11/10/25 18:48	1
Dibromofluoromethane	98		50 - 150	11/10/25 12:13	11/10/25 18:48	1
Toluene-d8 (Surr)	103		50 - 150	11/10/25 12:13	11/10/25 18:48	1
1,2-Dichloroethane-d4 (Surr)	108		50 - 150	11/10/25 12:13	11/10/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00934	0.00934	mg/Kg	☼	11/05/25 10:42	11/07/25 17:00	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	46		10 - 150				11/05/25 10:42	11/07/25 17:00	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.495	0.0144	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,4,5-Trichlorophenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,4,6-Trichlorophenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,4-Dichlorophenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,4-Dimethylphenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,4-Dinitrophenol	ND		1.49	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,4-Dinitrotoluene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2,6-Dinitrotoluene	ND	+	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2-Chloronaphthalene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2-Chlorophenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2-Methylnaphthalene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 63.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2-Nitroaniline	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
2-Nitrophenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
3 & 4 Methylphenol	ND		0.991	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
3,3'-Dichlorobenzidine	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
3-Nitroaniline	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4,6-Dinitro-2-methylphenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4-Bromophenyl phenyl ether	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4-Chloro-3-methylphenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4-Chloroaniline	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4-Chlorophenyl phenyl ether	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4-Nitroaniline	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
4-Nitrophenol	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Acenaphthene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Acenaphthylene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Acetophenone	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Anthracene	0.0922	J	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Atrazine	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Benzaldehyde	0.0731	J	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Benzo[a]anthracene	0.651		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Benzo[a]pyrene	0.862		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Benzo[b]fluoranthene	1.37		0.495	0.00210	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Benzo[g,h,i]perylene	0.806		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Benzo[k]fluoranthene	0.482	J	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
bis (2-chloroisopropyl) ether	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Bis(2-chloroethoxy)methane	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Bis(2-chloroethyl)ether	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Bis(2-ethylhexyl) phthalate	ND		0.495	0.150	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Butyl benzyl phthalate	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Caprolactam	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Carbazole	0.125	J	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Chrysene	1.01		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Dibenz(a,h)anthracene	0.159	J	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Dibenzofuran	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Diethyl phthalate	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Dimethyl phthalate	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Di-n-butyl phthalate	ND		1.49	0.450	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Di-n-octyl phthalate	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Fluoranthene	1.81		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Fluorene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Hexachlorobenzene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Hexachlorobutadiene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Hexachlorocyclopentadiene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Hexachloroethane	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Indeno[1,2,3-cd]pyrene	0.750		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Isophorone	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Naphthalene	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
Nitrobenzene	ND	+	0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1
N-Nitrosodi-n-propylamine	ND		0.495	0.0495	mg/Kg	✱	11/10/25 10:24	11/12/25 19:14	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 63.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.495	0.0495	mg/Kg	☼	11/10/25 10:24	11/12/25 19:14	1
Pentachlorophenol	ND		0.495	0.0495	mg/Kg	☼	11/10/25 10:24	11/12/25 19:14	1
Phenanthrene	0.658		0.495	0.0495	mg/Kg	☼	11/10/25 10:24	11/12/25 19:14	1
Phenol	ND		0.495	0.0495	mg/Kg	☼	11/10/25 10:24	11/12/25 19:14	1
Pyrene	1.49		0.495	0.0495	mg/Kg	☼	11/10/25 10:24	11/12/25 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		40 - 140	11/10/25 10:24	11/12/25 19:14	1
2-Fluorobiphenyl (Surr)	94		40 - 140	11/10/25 10:24	11/12/25 19:14	1
2-Fluorophenol (Surr)	98		40 - 140	11/10/25 10:24	11/12/25 19:14	1
Nitrobenzene-d5 (Surr)	117		40 - 140	11/10/25 10:24	11/12/25 19:14	1
Phenol-d5 (Surr)	87		40 - 140	11/10/25 10:24	11/12/25 19:14	1
Terphenyl-d14 (Surr)	101		40 - 140	11/10/25 10:24	11/12/25 19:14	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.29	J	3.93	1.14	mg/Kg	☼		11/08/25 05:17	1
Sulfate	66.8		15.7	15.4	mg/Kg	☼		11/08/25 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.839	0.192	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Arsenic	1.52	B	0.504	0.0449	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Barium	53.4	B	2.10	0.0119	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Beryllium	0.250	J	0.420	0.0294	mg/Kg	☼	11/05/25 11:37	11/14/25 14:53	5
Cadmium	0.0680	J	0.420	0.0137	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Chromium	15.6		0.839	0.173	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Cobalt	7.10		0.629	0.0238	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Copper	13.9	B	0.420	0.0436	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Lead	14.8		0.420	0.0495	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Manganese	457	B	0.839	0.0516	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Nickel	10.7	B	0.839	0.0219	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Selenium	0.638	J B	2.10	0.149	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Silver	0.205	J B	0.210	0.00243	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Thallium	ND		0.587	0.0354	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Vanadium	20.3	B	0.839	0.105	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5
Zinc	70.1	B	2.10	1.74	mg/Kg	☼	11/05/25 11:37	11/13/25 20:16	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0273	J	0.151	0.0221	mg/Kg	☼	11/11/25 13:13	11/13/25 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.420	J	1.58	0.158	mg/Kg	☼	11/06/25 08:43	11/10/25 22:49	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.52	0.486	mg/Kg	☼		11/12/25 12:09	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Date Collected: 10/31/25 14:15

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0174	J	0.0297	0.0142	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Benzene	ND		0.00593	0.000795	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Bromobenzene	ND		0.00593	0.00154	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Chlorobromomethane	ND		0.00593	0.000961	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Dichlorobromomethane	ND		0.00593	0.00109	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Bromoform	ND		0.00593	0.00154	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Bromomethane	ND		0.00593	0.00297	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
2-Butanone (MEK)	ND		0.0297	0.00712	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
n-Butylbenzene	ND		0.00593	0.00114	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
sec-Butylbenzene	ND		0.00593	0.00113	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
tert-Butylbenzene	ND		0.00593	0.00131	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Carbon disulfide	ND		0.00593	0.00300	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Carbon tetrachloride	ND		0.00593	0.00202	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Chlorobenzene	ND		0.00593	0.00157	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Chloroethane	ND		0.00593	0.00392	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Chloroform	ND		0.00593	0.00161	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Chloromethane	ND		0.00593	0.00262	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
2-Chlorotoluene	ND		0.00593	0.00197	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
4-Chlorotoluene	ND		0.00593	0.00116	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Chlorodibromomethane	ND		0.00593	0.00142	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2-Dibromo-3-Chloropropane	ND		0.00593	0.00392	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Ethylene Dibromide	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Dibromomethane	ND		0.00593	0.000985	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2-Dichlorobenzene	ND		0.00593	0.00189	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,3-Dichlorobenzene	ND		0.00593	0.00113	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,4-Dichlorobenzene	ND		0.00593	0.00102	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
trans-1,4-Dichloro-2-butene	ND		0.00593	0.00297	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1-Dichloroethane	ND		0.00593	0.000985	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2-Dichloroethane	ND		0.00593	0.00218	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
cis-1,2-Dichloroethene	ND		0.00593	0.000902	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
trans-1,2-Dichloroethene	ND		0.00593	0.00114	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1-Dichloroethene	ND		0.00593	0.00249	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2-Dichloropropane	ND		0.00593	0.000902	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,3-Dichloropropane	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
2,2-Dichloropropane	ND		0.00593	0.00131	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1-Dichloropropene	ND		0.00593	0.000985	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
cis-1,3-Dichloropropene	ND		0.00593	0.00142	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
trans-1,3-Dichloropropene	ND		0.00593	0.00131	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Ethylbenzene	ND		0.00593	0.000724	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Hexachlorobutadiene	ND		0.00593	0.00297	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
2-Hexanone	ND		0.0297	0.00593	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Iodomethane	ND		0.00593	0.00403	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Isopropylbenzene	ND		0.00593	0.000807	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
4-Isopropyltoluene	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Methylene Chloride	ND		0.0178	0.0119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		0.0297	0.0159	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Methyl tert-butyl ether	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Naphthalene	ND		0.00593	0.00356	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
N-Propylbenzene	ND		0.00593	0.00107	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Date Collected: 10/31/25 14:15

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1,1,2-Tetrachloroethane	ND		0.00593	0.00131	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1,2,2-Tetrachloroethane	ND		0.00593	0.00204	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Tetrachloroethene	ND		0.00593	0.00356	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Toluene	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2,3-Trichlorobenzene	ND		0.00593	0.00131	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2,4-Trichlorobenzene	ND		0.00593	0.00239	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1,1-Trichloroethane	ND		0.00593	0.00131	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1,2-Trichloroethane	ND		0.00593	0.00191	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Trichloroethene	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Trichlorofluoromethane	ND		0.00593	0.00287	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2,3-Trichloropropane	ND		0.00593	0.00247	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00593	0.00223	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,2,4-Trimethylbenzene	ND		0.00593	0.00119	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
1,3,5-Trimethylbenzene	ND		0.00593	0.000985	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Vinyl acetate	ND		0.0297	0.00757	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Vinyl chloride	ND		0.00593	0.00259	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
o-Xylene	ND		0.00593	0.00356	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
m-Xylene & p-Xylene	ND		0.00593	0.00356	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Xylenes, Total	ND		0.0119	0.00712	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Isopropyl ether	ND		0.00593	0.00164	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Hexane	ND		0.00593	0.00309	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
n-Heptane	ND		0.00593	0.00343	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1
Ethyl acetate	ND		0.0237	0.00593	mg/Kg	✱	11/10/25 12:13	11/10/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		50 - 150	11/10/25 12:13	11/10/25 19:15	1
Dibromofluoromethane	98		50 - 150	11/10/25 12:13	11/10/25 19:15	1
Toluene-d8 (Surr)	102		50 - 150	11/10/25 12:13	11/10/25 19:15	1
1,2-Dichloroethane-d4 (Surr)	109		50 - 150	11/10/25 12:13	11/10/25 19:15	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		0.00800	0.00800	mg/Kg	☼	11/05/25 10:42	11/07/25 17:21	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	46		10 - 150				11/05/25 10:42	11/07/25 17:21	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.446	0.0130	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,4,5-Trichlorophenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,4,6-Trichlorophenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,4-Dichlorophenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,4-Dimethylphenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,4-Dinitrophenol	ND		1.34	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,4-Dinitrotoluene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2,6-Dinitrotoluene	ND	*+	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2-Chloronaphthalene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2-Chlorophenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2-Methylnaphthalene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Date Collected: 10/31/25 14:15

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2-Nitroaniline	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
2-Nitrophenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
3 & 4 Methylphenol	ND		0.892	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
3,3'-Dichlorobenzidine	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
3-Nitroaniline	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4,6-Dinitro-2-methylphenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4-Bromophenyl phenyl ether	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4-Chloro-3-methylphenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4-Chloroaniline	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4-Chlorophenyl phenyl ether	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4-Nitroaniline	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
4-Nitrophenol	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Acenaphthene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Acenaphthylene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Acetophenone	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Anthracene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Atrazine	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Benzaldehyde	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Benzo[a]anthracene	0.200	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Benzo[a]pyrene	0.332	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Benzo[b]fluoranthene	0.479		0.446	0.00189	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Benzo[g,h,i]perylene	0.271	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Benzo[k]fluoranthene	0.165	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
bis (2-chloroisopropyl) ether	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Bis(2-chloroethoxy)methane	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Bis(2-chloroethyl)ether	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Bis(2-ethylhexyl) phthalate	ND		0.446	0.135	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Butyl benzyl phthalate	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Caprolactam	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Carbazole	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Chrysene	0.274	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Dibenz(a,h)anthracene	0.0621	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Dibenzofuran	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Diethyl phthalate	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Dimethyl phthalate	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Di-n-butyl phthalate	ND		1.34	0.405	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Di-n-octyl phthalate	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Fluoranthene	0.305	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Fluorene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Hexachlorobenzene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Hexachlorobutadiene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Hexachlorocyclopentadiene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Hexachloroethane	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Indeno[1,2,3-cd]pyrene	0.275	J	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Isophorone	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Naphthalene	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
Nitrobenzene	ND	+	0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1
N-Nitrosodi-n-propylamine	ND		0.446	0.0446	mg/Kg	✱	11/10/25 10:24	11/12/25 19:44	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Date Collected: 10/31/25 14:15

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.446	0.0446	mg/Kg	☼	11/10/25 10:24	11/12/25 19:44	1
Pentachlorophenol	ND		0.446	0.0446	mg/Kg	☼	11/10/25 10:24	11/12/25 19:44	1
Phenanthrene	0.0722	J	0.446	0.0446	mg/Kg	☼	11/10/25 10:24	11/12/25 19:44	1
Phenol	ND		0.446	0.0446	mg/Kg	☼	11/10/25 10:24	11/12/25 19:44	1
Pyrene	0.277	J	0.446	0.0446	mg/Kg	☼	11/10/25 10:24	11/12/25 19:44	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	47		40 - 140				11/10/25 10:24	11/12/25 19:44	1
2-Fluorobiphenyl (Surr)	96		40 - 140				11/10/25 10:24	11/12/25 19:44	1
2-Fluorophenol (Surr)	101		40 - 140				11/10/25 10:24	11/12/25 19:44	1
Nitrobenzene-d5 (Surr)	118		40 - 140				11/10/25 10:24	11/12/25 19:44	1
Phenol-d5 (Surr)	86		40 - 140				11/10/25 10:24	11/12/25 19:44	1
Terphenyl-d14 (Surr)	106		40 - 140				11/10/25 10:24	11/12/25 19:44	1

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.54	J	3.36	0.974	mg/Kg	☼		11/08/25 06:14	1
Sulfate	ND		13.4	13.2	mg/Kg	☼		11/08/25 06:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.685	0.156	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Arsenic	0.470	B	0.411	0.0366	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Barium	16.4	B	1.71	0.00969	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Beryllium	0.110	J	0.342	0.0240	mg/Kg	☼	11/05/25 11:37	11/14/25 14:56	5
Cadmium	ND		0.342	0.0112	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Chromium	10.6		0.685	0.141	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Cobalt	3.08		0.513	0.0194	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Copper	3.69	B	0.342	0.0356	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Lead	4.83		0.342	0.0404	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Manganese	92.3	B	0.685	0.0421	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Nickel	5.49	B	0.685	0.0179	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Selenium	0.669	J B	1.71	0.121	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Silver	0.214	B	0.171	0.00199	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Thallium	ND		0.479	0.0289	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Vanadium	12.4	B	0.685	0.0859	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5
Zinc	20.0	B	1.71	1.42	mg/Kg	☼	11/05/25 11:37	11/13/25 20:18	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.126	0.0184	mg/Kg	☼	11/11/25 13:13	11/13/25 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	0.268	J	1.33	0.133	mg/Kg	☼	11/06/25 08:43	11/10/25 23:02	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.35	0.432	mg/Kg	☼		11/12/25 12:11	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38763-9

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*+	25.0	10.0	ug/L			11/08/25 20:22	1
Benzene	ND		1.00	0.500	ug/L			11/08/25 20:22	1
Bromobenzene	ND		1.00	0.540	ug/L			11/08/25 20:22	1
Bromoform	ND		5.00	0.250	ug/L			11/08/25 20:22	1
Bromomethane	ND		1.00	0.980	ug/L			11/08/25 20:22	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/08/25 20:22	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/08/25 20:22	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/08/25 20:22	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/08/25 20:22	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/08/25 20:22	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/08/25 20:22	1
Chloroethane	ND		1.00	0.760	ug/L			11/08/25 20:22	1
Chloroform	ND		1.00	0.900	ug/L			11/08/25 20:22	1
Chloromethane	ND		1.00	0.840	ug/L			11/08/25 20:22	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/08/25 20:22	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/08/25 20:22	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/08/25 20:22	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/08/25 20:22	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/08/25 20:22	1
Dibromomethane	ND		5.00	0.220	ug/L			11/08/25 20:22	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/08/25 20:22	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/08/25 20:22	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/08/25 20:22	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/08/25 20:22	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/08/25 20:22	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/08/25 20:22	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/08/25 20:22	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/08/25 20:22	1
Hexane	ND		1.00	0.960	ug/L			11/08/25 20:22	1
2-Hexanone	ND		25.0	9.10	ug/L			11/08/25 20:22	1
Iodomethane	ND		1.00	0.900	ug/L			11/08/25 20:22	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/08/25 20:22	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/08/25 20:22	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/08/25 20:22	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/08/25 20:22	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/08/25 20:22	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/08/25 20:22	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/08/25 20:22	1
Naphthalene	ND		5.00	3.00	ug/L			11/08/25 20:22	1
n-Butylbenzene	ND	*+	1.00	0.760	ug/L			11/08/25 20:22	1
n-Heptane	ND		1.00	0.690	ug/L			11/08/25 20:22	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/08/25 20:22	1

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Client Sample Results

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

Job ID: 752-38763-1

Client Sample ID: Trip Blank

Lab Sample ID: 752-38763-9

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 10/31/25 16:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			11/08/25 20:22	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/08/25 20:22	1
Styrene	ND		1.00	1.00	ug/L			11/08/25 20:22	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/08/25 20:22	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/08/25 20:22	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/08/25 20:22	1
Toluene	ND		1.00	0.900	ug/L			11/08/25 20:22	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/08/25 20:22	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 20:22	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/08/25 20:22	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/08/25 20:22	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/08/25 20:22	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/08/25 20:22	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/08/25 20:22	1
Trichloroethene	ND		1.00	0.480	ug/L			11/08/25 20:22	1
Trichlorofluoromethane	ND	*+	1.00	0.250	ug/L			11/08/25 20:22	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/08/25 20:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/08/25 20:22	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/08/25 20:22	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/08/25 20:22	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/08/25 20:22	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/08/25 20:22	1
Xylenes, Total	ND		10.0	6.00	ug/L			11/08/25 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		56 - 136		11/08/25 20:22	1
Dibromofluoromethane	105		79 - 130		11/08/25 20:22	1
1,2-Dichloroethane-d4 (Surr)	111		59 - 146		11/08/25 20:22	1
Toluene-d8 (Surr)	100		64 - 132		11/08/25 20:22	1

Surrogate Summary

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

Job ID: 752-38763-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (50-150)	DBFM (50-150)	TOL (50-150)	DCA (50-150)
752-38763-1	SED-1	103	105	99	111
752-38763-2	SED-2	107	101	101	115
752-38763-3	SED-3	94	101	101	107
752-38763-4	SED-4	95	98	101	107
752-38763-5	SED-DUP	95	99	101	108
752-38763-6	SED-5	97	98	103	108
752-38763-7	SED-6	95	98	102	109
LCS 400-729630/1-A	Lab Control Sample	93	93	101	85
LCS 400-729968/1-A	Lab Control Sample	91	96	105	94
MB 400-729630/2-A	Method Blank	102	101	103	105
MB 400-729968/2-A	Method Blank	95	97	103	100

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (56-136)	DBFM (79-130)	DCA (59-146)	TOL (64-132)
752-38763-9	Trip Blank	95	105	111	100
LCS 400-729833/1002	Lab Control Sample	95	104	117	103
MB 400-729833/5	Method Blank	100	108	114	101

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (40-140)	FBP (40-140)	2FP (40-140)	NBZ (40-140)	PHL (40-140)	TPHL (40-140)
752-38763-1	SED-1	81	112	120	133	93	127
752-38763-2	SED-2	110	105	111	127	96	107
752-38763-3	SED-3	84	95	103	119	93	100
752-38763-4	SED-4	56	93	100	115	86	99
752-38763-5	SED-DUP	60	94	98	114	81	106
752-38763-6	SED-5	66	94	98	117	87	101
752-38763-7	SED-6	47	96	101	118	86	106
LCS 400-729442/2-A	Lab Control Sample	168 S1+	126	123	137	110	130
LCS 400-729914/2-A	Lab Control Sample	138	104	116	120	100	104
MB 400-729442/1-A	Method Blank	165 S1+	138	131	148 S1+	116	140
MB 400-729914/1-A	Method Blank	125	113	126	129	107	112

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Surrogate Summary

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

Job ID: 752-38763-1

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)

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Isotope Dilution Summary

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

Job ID: 752-38763-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DXE (10-150)
752-38763-1	SED-1	56
752-38763-1 MS	SED-1	60
752-38763-1 MSD	SED-1	60
752-38763-2	SED-2	51
752-38763-3	SED-3	51
752-38763-4	SED-4	50
752-38763-5	SED-DUP	37
752-38763-6	SED-5	46
752-38763-7	SED-6	46
LCS 400-729449/2-A	Lab Control Sample	66
MB 400-729449/1-A	Method Blank	65
Surrogate Legend		
DXE = 1,4-Dioxane-d8		

QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729630/2-A

Matrix: Solid

Analysis Batch: 729619

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729630

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Chloroform	ND		0.00500	0.00136	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/06/25 11:32	11/06/25 12:45	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729630/2-A

Matrix: Solid

Analysis Batch: 729619

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729630

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/06/25 11:32	11/06/25 12:45	1
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/06/25 11:32	11/06/25 12:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		50 - 150	11/06/25 11:32	11/06/25 12:45	1
Dibromofluoromethane	101		50 - 150	11/06/25 11:32	11/06/25 12:45	1
Toluene-d8 (Surr)	103		50 - 150	11/06/25 11:32	11/06/25 12:45	1
1,2-Dichloroethane-d4 (Surr)	105		50 - 150	11/06/25 11:32	11/06/25 12:45	1

Lab Sample ID: LCS 400-729630/1-A

Matrix: Solid

Analysis Batch: 729619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.1568		mg/Kg		78	48 - 150
Benzene	0.0500	0.05026		mg/Kg		101	65 - 130
Bromobenzene	0.0500	0.05447		mg/Kg		109	65 - 130
Bromoform	0.0500	0.05211		mg/Kg		104	52 - 136
Bromomethane	0.0500	0.06478		mg/Kg		130	12 - 150
2-Butanone (MEK)	0.200	0.1810		mg/Kg		90	55 - 130
Chlorobromomethane	0.0500	0.04886		mg/Kg		98	65 - 130
Carbon disulfide	0.0500	0.04150		mg/Kg		83	46 - 141
Carbon tetrachloride	0.0500	0.04685		mg/Kg		94	60 - 130
Chlorobenzene	0.0500	0.05530		mg/Kg		111	70 - 130
Chloroethane	0.0500	0.04837		mg/Kg		97	55 - 134

Eurofins Raleigh

QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729630/1-A

Matrix: Solid

Analysis Batch: 729619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	0.0500	0.04933		mg/Kg		99	62 - 130
Chloromethane	0.0500	0.03811		mg/Kg		76	49 - 136
2-Chlorotoluene	0.0500	0.05049		mg/Kg		101	67 - 130
4-Chlorotoluene	0.0500	0.05493		mg/Kg		110	66 - 130
Chlorodibromomethane	0.0500	0.05216		mg/Kg		104	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04883		mg/Kg		98	49 - 130
Dibromomethane	0.0500	0.04701		mg/Kg		94	65 - 130
1,2-Dichlorobenzene	0.0500	0.05722		mg/Kg		114	64 - 130
1,3-Dichlorobenzene	0.0500	0.05588		mg/Kg		112	66 - 130
Dichlorobromomethane	0.0500	0.04773		mg/Kg		95	61 - 130
1,4-Dichlorobenzene	0.0500	0.05544		mg/Kg		111	65 - 130
1,1-Dichloroethane	0.0500	0.04653		mg/Kg		93	59 - 130
1,2-Dichloroethane	0.0500	0.04208		mg/Kg		84	62 - 130
cis-1,2-Dichloroethene	0.0500	0.04373		mg/Kg		87	53 - 135
1,1-Dichloroethene	0.0500	0.04504		mg/Kg		90	55 - 137
1,2-Dichloropropane	0.0500	0.04901		mg/Kg		98	64 - 130
1,3-Dichloropropane	0.0500	0.05201		mg/Kg		104	67 - 130
2,2-Dichloropropane	0.0500	0.04396		mg/Kg		88	51 - 132
1,1-Dichloropropene	0.0500	0.04774		mg/Kg		95	65 - 130
Ethylene Dibromide	0.0500	0.05275		mg/Kg		106	67 - 130
cis-1,3-Dichloropropene	0.0500	0.05032		mg/Kg		101	61 - 130
Ethylbenzene	0.0500	0.05593		mg/Kg		112	70 - 130
Hexachlorobutadiene	0.0500	0.06524		mg/Kg		130	62 - 133
2-Hexanone	0.200	0.1819		mg/Kg		91	57 - 131
Iodomethane	0.0500	0.04970		mg/Kg		99	12 - 150
Isopropylbenzene	0.0500	0.05851		mg/Kg		117	70 - 130
4-Isopropyltoluene	0.0500	0.05793		mg/Kg		116	68 - 130
Methylene Chloride	0.0500	0.05004		mg/Kg		100	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1574		mg/Kg		79	58 - 130
Methyl tert-butyl ether	0.0500	0.04311		mg/Kg		86	63 - 130
Naphthalene	0.0500	0.05046		mg/Kg		101	45 - 144
n-Butylbenzene	0.0500	0.05513		mg/Kg		110	66 - 130
N-Propylbenzene	0.0500	0.05540		mg/Kg		111	67 - 130
sec-Butylbenzene	0.0500	0.05654		mg/Kg		113	67 - 130
Styrene	0.0500	0.05793		mg/Kg		116	68 - 130
tert-Butylbenzene	0.0500	0.05253		mg/Kg		105	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05530		mg/Kg		111	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04736		mg/Kg		95	60 - 131
Tetrachloroethene	0.0500	0.05418		mg/Kg		108	67 - 130
Toluene	0.0500	0.05322		mg/Kg		106	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04363		mg/Kg		87	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04607		mg/Kg		92	58 - 134
trans-1,3-Dichloropropene	0.0500	0.05149		mg/Kg		103	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.05708		mg/Kg		114	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05813		mg/Kg		116	56 - 138
1,1,1-Trichloroethane	0.0500	0.04691		mg/Kg		94	63 - 130
1,1,2-Trichloroethane	0.0500	0.05279		mg/Kg		106	65 - 130
o-Xylene	0.0500	0.05558		mg/Kg		111	70 - 130
Trichloroethene	0.0500	0.04884		mg/Kg		98	65 - 130

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729630/1-A

Matrix: Solid

Analysis Batch: 729619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	0.0500	0.05645		mg/Kg		113	70 - 130
Trichlorofluoromethane	0.0500	0.03780		mg/Kg		76	61 - 136
1,2,3-Trichloropropane	0.0500	0.04870		mg/Kg		97	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05072		mg/Kg		101	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.05712		mg/Kg		114	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.05441		mg/Kg		109	67 - 130
Isopropyl ether	0.0500	0.03092		mg/Kg		62	62 - 130
Hexane	0.0500	0.04017		mg/Kg		80	57 - 132
Vinyl acetate	0.100	0.09058		mg/Kg		91	24 - 150
n-Heptane	0.0500	0.03748		mg/Kg		75	61 - 130
Vinyl chloride	0.0500	0.03860		mg/Kg		77	52 - 132
Ethyl acetate	0.100	0.07973		mg/Kg		80	21 - 150
Xylenes, Total	0.100	0.1120		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	93		50 - 150
Dibromofluoromethane	93		50 - 150
Toluene-d8 (Surr)	101		50 - 150
1,2-Dichloroethane-d4 (Surr)	85		50 - 150

Lab Sample ID: MB 400-729833/5

Matrix: Water

Analysis Batch: 729833

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			11/08/25 10:34	1
Benzene	ND		1.00	0.500	ug/L			11/08/25 10:34	1
Bromobenzene	ND		1.00	0.540	ug/L			11/08/25 10:34	1
Bromoform	ND		5.00	0.250	ug/L			11/08/25 10:34	1
Bromomethane	ND		1.00	0.980	ug/L			11/08/25 10:34	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			11/08/25 10:34	1
Chlorobromomethane	ND		1.00	0.520	ug/L			11/08/25 10:34	1
Carbon disulfide	ND		1.00	0.500	ug/L			11/08/25 10:34	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			11/08/25 10:34	1
Chlorobenzene	ND		1.00	0.420	ug/L			11/08/25 10:34	1
Chloroethane	ND		1.00	0.760	ug/L			11/08/25 10:34	1
Chloroform	ND		1.00	0.900	ug/L			11/08/25 10:34	1
Chloromethane	ND		1.00	0.840	ug/L			11/08/25 10:34	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			11/08/25 10:34	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			11/08/25 10:34	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			11/08/25 10:34	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			11/08/25 10:34	1
Dibromomethane	ND		5.00	0.220	ug/L			11/08/25 10:34	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			11/08/25 10:34	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			11/08/25 10:34	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			11/08/25 10:34	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			11/08/25 10:34	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			11/08/25 10:34	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729833/5

Matrix: Water

Analysis Batch: 729833

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.00	0.550	ug/L			11/08/25 10:34	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			11/08/25 10:34	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 10:34	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 10:34	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 10:34	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			11/08/25 10:34	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			11/08/25 10:34	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			11/08/25 10:34	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			11/08/25 10:34	1
Ethylbenzene	ND		1.00	0.500	ug/L			11/08/25 10:34	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			11/08/25 10:34	1
2-Hexanone	ND		25.0	9.10	ug/L			11/08/25 10:34	1
Iodomethane	ND		1.00	0.900	ug/L			11/08/25 10:34	1
Isopropylbenzene	ND		1.00	0.530	ug/L			11/08/25 10:34	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			11/08/25 10:34	1
Methylene Chloride	ND		5.00	4.00	ug/L			11/08/25 10:34	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			11/08/25 10:34	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			11/08/25 10:34	1
Naphthalene	ND		5.00	3.00	ug/L			11/08/25 10:34	1
n-Butylbenzene	ND		1.00	0.760	ug/L			11/08/25 10:34	1
N-Propylbenzene	ND		1.00	0.690	ug/L			11/08/25 10:34	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			11/08/25 10:34	1
Styrene	ND		1.00	1.00	ug/L			11/08/25 10:34	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			11/08/25 10:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			11/08/25 10:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			11/08/25 10:34	1
Tetrachloroethene	ND		1.00	0.330	ug/L			11/08/25 10:34	1
Toluene	ND		1.00	0.900	ug/L			11/08/25 10:34	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			11/08/25 10:34	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			11/08/25 10:34	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			11/08/25 10:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			11/08/25 10:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			11/08/25 10:34	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			11/08/25 10:34	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			11/08/25 10:34	1
o-Xylene	ND		5.00	3.00	ug/L			11/08/25 10:34	1
Trichloroethene	ND		1.00	0.480	ug/L			11/08/25 10:34	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			11/08/25 10:34	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			11/08/25 10:34	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			11/08/25 10:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			11/08/25 10:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			11/08/25 10:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			11/08/25 10:34	1
Isopropyl ether	ND		1.00	0.740	ug/L			11/08/25 10:34	1
Hexane	ND		1.00	0.960	ug/L			11/08/25 10:34	1
Vinyl acetate	ND		25.0	0.930	ug/L			11/08/25 10:34	1
n-Heptane	ND		1.00	0.690	ug/L			11/08/25 10:34	1
Vinyl chloride	ND		1.00	0.500	ug/L			11/08/25 10:34	1
Ethyl acetate	ND		10.0	6.14	ug/L			11/08/25 10:34	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729833/5

Matrix: Water

Analysis Batch: 729833

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			11/08/25 10:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		56 - 136		11/08/25 10:34	1
Dibromofluoromethane	108		79 - 130		11/08/25 10:34	1
Toluene-d8 (Surr)	101		64 - 132		11/08/25 10:34	1
1,2-Dichloroethane-d4 (Surr)	114		59 - 146		11/08/25 10:34	1

Lab Sample ID: LCS 400-729833/1002

Matrix: Water

Analysis Batch: 729833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	392.2	*+	ug/L		196	43 - 150
Benzene	50.0	48.86		ug/L		98	70 - 130
Bromobenzene	50.0	46.87		ug/L		94	70 - 132
Bromoform	50.0	40.83		ug/L		82	57 - 140
Bromomethane	50.0	67.72		ug/L		135	10 - 150
2-Butanone (MEK)	200	207.8		ug/L		104	61 - 145
Chlorobromomethane	50.0	48.83		ug/L		98	70 - 130
Carbon disulfide	50.0	39.71		ug/L		79	61 - 137
Carbon tetrachloride	50.0	49.98		ug/L		100	61 - 137
Chlorobenzene	50.0	51.31		ug/L		103	70 - 130
Chloroethane	50.0	69.25		ug/L		139	55 - 141
Chloroform	50.0	51.86		ug/L		104	69 - 130
Chloromethane	50.0	68.13		ug/L		136	58 - 137
2-Chlorotoluene	50.0	54.39		ug/L		109	70 - 130
4-Chlorotoluene	50.0	54.99		ug/L		110	70 - 130
Chlorodibromomethane	50.0	48.70		ug/L		97	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	45.23		ug/L		90	54 - 135
Dibromomethane	50.0	51.31		ug/L		103	70 - 130
1,2-Dichlorobenzene	50.0	54.73		ug/L		109	67 - 130
1,3-Dichlorobenzene	50.0	52.35		ug/L		105	70 - 130
Dichlorobromomethane	50.0	51.57		ug/L		103	67 - 133
1,4-Dichlorobenzene	50.0	52.95		ug/L		106	70 - 130
1,1-Dichloroethane	50.0	48.88		ug/L		98	70 - 130
1,2-Dichloroethane	50.0	54.48		ug/L		109	69 - 130
cis-1,2-Dichloroethene	50.0	51.26		ug/L		103	68 - 130
1,1-Dichloroethene	50.0	52.35		ug/L		105	63 - 134
1,2-Dichloropropane	50.0	52.43		ug/L		105	70 - 130
1,3-Dichloropropane	50.0	50.66		ug/L		101	70 - 130
2,2-Dichloropropane	50.0	48.56		ug/L		97	52 - 135
1,1-Dichloropropene	50.0	50.04		ug/L		100	70 - 130
Ethylene Dibromide	50.0	48.37		ug/L		97	70 - 130
cis-1,3-Dichloropropene	50.0	49.02		ug/L		98	69 - 132
Ethylbenzene	50.0	55.06		ug/L		110	70 - 130
Hexachlorobutadiene	50.0	58.31		ug/L		117	53 - 140
2-Hexanone	200	224.6		ug/L		112	65 - 137

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729833/1002

Matrix: Water

Analysis Batch: 729833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	50.0	41.60		ug/L		83	27 - 150
Isopropylbenzene	50.0	58.33		ug/L		117	70 - 130
4-Isopropyltoluene	50.0	59.70		ug/L		119	65 - 130
Methylene Chloride	50.0	44.86		ug/L		90	66 - 135
4-Methyl-2-pentanone (MIBK)	200	224.0		ug/L		112	69 - 138
Methyl tert-butyl ether	50.0	45.60		ug/L		91	66 - 130
Naphthalene	50.0	45.56		ug/L		91	47 - 149
n-Butylbenzene	50.0	66.92	*+	ug/L		134	67 - 130
N-Propylbenzene	50.0	53.57		ug/L		107	70 - 130
sec-Butylbenzene	50.0	59.30		ug/L		119	66 - 130
Styrene	50.0	53.21		ug/L		106	70 - 130
tert-Butylbenzene	50.0	58.22		ug/L		116	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.51		ug/L		101	67 - 131
1,1,2,2-Tetrachloroethane	50.0	46.59		ug/L		93	70 - 131
Tetrachloroethene	50.0	53.19		ug/L		106	65 - 130
Toluene	50.0	50.40		ug/L		101	70 - 130
trans-1,4-Dichloro-2-butene	50.0	56.80		ug/L		114	57 - 140
trans-1,2-Dichloroethene	50.0	44.70		ug/L		89	70 - 130
trans-1,3-Dichloropropene	50.0	50.98		ug/L		102	63 - 130
1,2,3-Trichlorobenzene	50.0	49.21		ug/L		98	60 - 138
1,2,4-Trichlorobenzene	50.0	51.74		ug/L		103	60 - 140
1,1,1-Trichloroethane	50.0	50.38		ug/L		101	68 - 130
1,1,2-Trichloroethane	50.0	49.76		ug/L		100	70 - 130
o-Xylene	50.0	55.13		ug/L		110	70 - 130
Trichloroethene	50.0	46.82		ug/L		94	70 - 130
m-Xylene & p-Xylene	50.0	54.71		ug/L		109	70 - 130
Trichlorofluoromethane	50.0	71.26	*+	ug/L		143	65 - 138
1,2,3-Trichloropropane	50.0	46.55		ug/L		93	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.69		ug/L		109	60 - 139
1,2,4-Trimethylbenzene	50.0	55.49		ug/L		111	70 - 130
1,3,5-Trimethylbenzene	50.0	54.61		ug/L		109	69 - 130
Isopropyl ether	50.0	48.02		ug/L		96	64 - 132
Hexane	50.0	41.33		ug/L		83	69 - 130
Vinyl acetate	100	129.9		ug/L		130	26 - 150
n-Heptane	50.0	47.75		ug/L		96	70 - 130
Vinyl chloride	50.0	56.53		ug/L		113	59 - 136
Ethyl acetate	100	86.43		ug/L		86	34 - 150
Xylenes, Total	100	109.8		ug/L		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		56 - 136
Dibromofluoromethane	104		79 - 130
Toluene-d8 (Surr)	103		64 - 132
1,2-Dichloroethane-d4 (Surr)	117		59 - 146

QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729968/2-A

Matrix: Solid

Analysis Batch: 729756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Benzene	ND		0.00500	0.000670	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Bromoform	ND		0.00500	0.00130	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Chloroform	ND		0.00500	0.00136	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Styrene	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		11/10/25 12:13	11/10/25 13:18	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729968/2-A

Matrix: Solid

Analysis Batch: 729756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Toluene	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Hexane	ND		0.00500	0.00260	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		11/10/25 12:13	11/10/25 13:18	1
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		11/10/25 12:13	11/10/25 13:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		50 - 150	11/10/25 12:13	11/10/25 13:18	1
Dibromofluoromethane	97		50 - 150	11/10/25 12:13	11/10/25 13:18	1
Toluene-d8 (Surr)	103		50 - 150	11/10/25 12:13	11/10/25 13:18	1
1,2-Dichloroethane-d4 (Surr)	100		50 - 150	11/10/25 12:13	11/10/25 13:18	1

Lab Sample ID: LCS 400-729968/1-A

Matrix: Solid

Analysis Batch: 729756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2344		mg/Kg		117	48 - 150
Benzene	0.0500	0.04276		mg/Kg		86	65 - 130
Bromobenzene	0.0500	0.04436		mg/Kg		89	65 - 130
Bromoform	0.0500	0.04104		mg/Kg		82	52 - 136
Bromomethane	0.0500	0.06092		mg/Kg		122	12 - 150
2-Butanone (MEK)	0.200	0.1754		mg/Kg		88	55 - 130
Chlorobromomethane	0.0500	0.04103		mg/Kg		82	65 - 130
Carbon disulfide	0.0500	0.03332		mg/Kg		67	46 - 141
Carbon tetrachloride	0.0500	0.04297		mg/Kg		86	60 - 130
Chlorobenzene	0.0500	0.04619		mg/Kg		92	70 - 130
Chloroethane	0.0500	0.05100		mg/Kg		102	55 - 134

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729968/1-A

Matrix: Solid

Analysis Batch: 729756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	0.0500	0.04232		mg/Kg		85	62 - 130
Chloromethane	0.0500	0.06623		mg/Kg		132	49 - 136
2-Chlorotoluene	0.0500	0.04248		mg/Kg		85	67 - 130
4-Chlorotoluene	0.0500	0.04339		mg/Kg		87	66 - 130
Chlorodibromomethane	0.0500	0.04978		mg/Kg		100	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04730		mg/Kg		95	49 - 130
Dibromomethane	0.0500	0.04141		mg/Kg		83	65 - 130
1,2-Dichlorobenzene	0.0500	0.05048		mg/Kg		101	64 - 130
1,3-Dichlorobenzene	0.0500	0.04834		mg/Kg		97	66 - 130
Dichlorobromomethane	0.0500	0.04441		mg/Kg		89	61 - 130
1,4-Dichlorobenzene	0.0500	0.04779		mg/Kg		96	65 - 130
1,1-Dichloroethane	0.0500	0.04219		mg/Kg		84	59 - 130
1,2-Dichloroethane	0.0500	0.04277		mg/Kg		86	62 - 130
cis-1,2-Dichloroethene	0.0500	0.04906		mg/Kg		98	53 - 135
1,1-Dichloroethene	0.0500	0.04204		mg/Kg		84	55 - 137
1,2-Dichloropropane	0.0500	0.04475		mg/Kg		90	64 - 130
1,3-Dichloropropane	0.0500	0.04875		mg/Kg		98	67 - 130
2,2-Dichloropropane	0.0500	0.04300		mg/Kg		86	51 - 132
1,1-Dichloropropene	0.0500	0.04096		mg/Kg		82	65 - 130
Ethylene Dibromide	0.0500	0.04620		mg/Kg		92	67 - 130
cis-1,3-Dichloropropene	0.0500	0.04396		mg/Kg		88	61 - 130
Ethylbenzene	0.0500	0.04600		mg/Kg		92	70 - 130
Hexachlorobutadiene	0.0500	0.06247		mg/Kg		125	62 - 133
2-Hexanone	0.200	0.1873		mg/Kg		94	57 - 131
Iodomethane	0.0500	0.02447		mg/Kg		49	12 - 150
Isopropylbenzene	0.0500	0.04660		mg/Kg		93	70 - 130
4-Isopropyltoluene	0.0500	0.04590		mg/Kg		92	68 - 130
Methylene Chloride	0.0500	0.04748		mg/Kg		95	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1597		mg/Kg		80	58 - 130
Methyl tert-butyl ether	0.0500	0.05146		mg/Kg		103	63 - 130
Naphthalene	0.0500	0.04495		mg/Kg		90	45 - 144
n-Butylbenzene	0.0500	0.04391		mg/Kg		88	66 - 130
N-Propylbenzene	0.0500	0.04453		mg/Kg		89	67 - 130
sec-Butylbenzene	0.0500	0.04449		mg/Kg		89	67 - 130
Styrene	0.0500	0.04513		mg/Kg		90	68 - 130
tert-Butylbenzene	0.0500	0.04472		mg/Kg		89	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04885		mg/Kg		98	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.03948		mg/Kg		79	60 - 131
Tetrachloroethene	0.0500	0.04803		mg/Kg		96	67 - 130
Toluene	0.0500	0.04824		mg/Kg		96	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.03831		mg/Kg		77	45 - 137
trans-1,2-Dichloroethene	0.0500	0.04166		mg/Kg		83	58 - 134
trans-1,3-Dichloropropene	0.0500	0.04856		mg/Kg		97	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.06098		mg/Kg		122	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05496		mg/Kg		110	56 - 138
1,1,1-Trichloroethane	0.0500	0.04448		mg/Kg		89	63 - 130
1,1,2-Trichloroethane	0.0500	0.04842		mg/Kg		97	65 - 130
o-Xylene	0.0500	0.04530		mg/Kg		91	70 - 130
Trichloroethene	0.0500	0.04607		mg/Kg		92	65 - 130

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729968/1-A

Matrix: Solid

Analysis Batch: 729756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	0.0500	0.04500		mg/Kg		90	70 - 130
Trichlorofluoromethane	0.0500	0.05366		mg/Kg		107	61 - 136
1,2,3-Trichloropropane	0.0500	0.04091		mg/Kg		82	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05526		mg/Kg		111	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.04227		mg/Kg		85	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.04261		mg/Kg		85	67 - 130
Isopropyl ether	0.0500	0.05065		mg/Kg		101	62 - 130
Hexane	0.0500	0.03780		mg/Kg		76	57 - 132
Vinyl acetate	0.100	0.1044		mg/Kg		104	24 - 150
n-Heptane	0.0500	0.03997		mg/Kg		80	61 - 130
Vinyl chloride	0.0500	0.04958		mg/Kg		99	52 - 132
Ethyl acetate	0.100	0.08497		mg/Kg		85	21 - 150
Xylenes, Total	0.100	0.09031		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	91		50 - 150
Dibromofluoromethane	96		50 - 150
Toluene-d8 (Surr)	105		50 - 150
1,2-Dichloroethane-d4 (Surr)	94		50 - 150

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

Lab Sample ID: MB 400-729442/1-A

Matrix: Solid

Analysis Batch: 729772

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729442/1-A

Matrix: Solid

Analysis Batch: 729772

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Acetophenone	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Anthracene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Atrazine	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Caprolactam	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Carbazole	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Chrysene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Fluorene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Isophorone	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Naphthalene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Phenol	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1
Pyrene	ND		0.330	0.0330	mg/Kg		11/05/25 10:24	11/07/25 17:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	165	S1+	40 - 140	11/05/25 10:24	11/07/25 17:17	1
2-Fluorobiphenyl (Surr)	138		40 - 140	11/05/25 10:24	11/07/25 17:17	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729442/1-A

Matrix: Solid

Analysis Batch: 729772

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729442

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	131		40 - 140	11/05/25 10:24	11/07/25 17:17	1
Nitrobenzene-d5 (Surr)	148	S1+	40 - 140	11/05/25 10:24	11/07/25 17:17	1
Phenol-d5 (Surr)	116		40 - 140	11/05/25 10:24	11/07/25 17:17	1
Terphenyl-d14 (Surr)	140		40 - 140	11/05/25 10:24	11/07/25 17:17	1

Lab Sample ID: LCS 400-729442/2-A

Matrix: Solid

Analysis Batch: 729772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729442

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	2.127	*+	mg/Kg		142	19 - 126
2,4,5-Trichlorophenol	1.50	2.146		mg/Kg		143	10 - 150
2,4,6-Trichlorophenol	1.50	2.207		mg/Kg		147	10 - 150
2,4-Dichlorophenol	1.50	1.944		mg/Kg		130	10 - 150
2,4-Dimethylphenol	1.50	1.292		mg/Kg		86	10 - 141
2,4-Dinitrophenol	3.00	3.190		mg/Kg		106	10 - 150
2,4-Dinitrotoluene	1.50	2.102	*+	mg/Kg		140	31 - 136
2,6-Dinitrotoluene	1.50	2.037		mg/Kg		136	31 - 137
2-Chloronaphthalene	1.50	2.074	*+	mg/Kg		138	20 - 126
2-Chlorophenol	1.50	1.895		mg/Kg		126	10 - 150
2-Methylnaphthalene	1.50	2.206		mg/Kg		147	20 - 150
2-Methylphenol	1.50	1.994	*+	mg/Kg		133	18 - 126
2-Nitroaniline	1.50	2.085		mg/Kg		139	30 - 150
2-Nitrophenol	1.50	1.989		mg/Kg		133	19 - 150
3 & 4 Methylphenol	1.50	1.938		mg/Kg		129	10 - 150
3,3'-Dichlorobenzidine	3.00	3.222	E	mg/Kg		107	10 - 124
3-Nitroaniline	1.50	2.100		mg/Kg		140	10 - 148
4,6-Dinitro-2-methylphenol	3.00	3.768		mg/Kg		126	15 - 150
4-Bromophenyl phenyl ether	1.50	1.883		mg/Kg		126	21 - 129
4-Chloro-3-methylphenol	1.50	1.827		mg/Kg		122	16 - 150
4-Chloroaniline	1.50	1.642		mg/Kg		109	10 - 120
4-Chlorophenyl phenyl ether	1.50	2.023	*+	mg/Kg		135	21 - 124
4-Nitroaniline	1.50	2.301	*+	mg/Kg		153	21 - 146
4-Nitrophenol	3.00	3.795		mg/Kg		127	10 - 150
Acenaphthene	1.50	2.180		mg/Kg		145	21 - 150
Acenaphthylene	1.50	2.222		mg/Kg		148	22 - 150
Acetophenone	1.50	2.040	*+	mg/Kg		136	15 - 128
Anthracene	1.50	2.034		mg/Kg		136	28 - 150
Atrazine	1.50	1.780		mg/Kg		119	10 - 150
Benzaldehyde	1.50	1.601		mg/Kg		107	10 - 150
Benzo[a]anthracene	1.50	2.183		mg/Kg		146	32 - 150
Benzo[a]pyrene	1.50	2.239		mg/Kg		149	24 - 150
Benzo[b]fluoranthene	1.50	2.132		mg/Kg		142	17 - 150
Benzo[g,h,i]perylene	1.50	2.306	*+	mg/Kg		154	25 - 150
Benzo[k]fluoranthene	1.50	2.254		mg/Kg		150	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.980	*+	mg/Kg		132	13 - 125
Bis(2-chloroethoxy)methane	1.50	2.028	*+	mg/Kg		135	16 - 132
Bis(2-chloroethyl)ether	1.50	2.000	*+	mg/Kg		133	24 - 120

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729442/2-A

Matrix: Solid

Analysis Batch: 729772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729442

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	1.50	2.174		mg/Kg		145	12 - 150
Butyl benzyl phthalate	1.50	2.361	*+	mg/Kg		157	24 - 150
Caprolactam	1.50	1.538		mg/Kg		103	10 - 150
Carbazole	1.50	2.222		mg/Kg		148	16 - 150
Chrysene	1.50	2.151		mg/Kg		143	31 - 150
Dibenz(a,h)anthracene	1.50	2.340	*+	mg/Kg		156	26 - 150
Dibenzofuran	1.50	2.073	*+	mg/Kg		138	27 - 123
Diethyl phthalate	1.50	2.152		mg/Kg		143	20 - 150
Dimethyl phthalate	1.50	2.152	*+	mg/Kg		143	21 - 140
Di-n-butyl phthalate	1.50	2.244		mg/Kg		150	10 - 150
Di-n-octyl phthalate	1.50	2.441	*+	mg/Kg		163	23 - 150
Fluoranthene	1.50	2.276	*+	mg/Kg		152	27 - 150
Fluorene	1.50	2.083		mg/Kg		139	21 - 150
Hexachlorobenzene	1.50	2.091	*+	mg/Kg		139	23 - 121
Hexachlorobutadiene	1.50	1.910	*+	mg/Kg		127	15 - 120
Hexachlorocyclopentadiene	1.50	2.058	*+	mg/Kg		137	14 - 132
Hexachloroethane	1.50	1.987	*+	mg/Kg		132	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	2.328	*+	mg/Kg		155	33 - 150
Isophorone	1.50	1.964	*+	mg/Kg		131	22 - 129
Naphthalene	1.50	2.103		mg/Kg		140	17 - 150
Nitrobenzene	1.50	2.359	*+	mg/Kg		157	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.963	*+	mg/Kg		131	23 - 128
N-Nitrosodiphenylamine	1.49	2.200	*+	mg/Kg		148	21 - 137
Pentachlorophenol	3.00	4.525	*+	mg/Kg		151	10 - 150
Phenanthrene	1.50	2.046		mg/Kg		136	24 - 150
Phenol	1.50	1.639		mg/Kg		109	10 - 150
Pyrene	1.50	2.322	*+	mg/Kg		155	25 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	168	S1+	40 - 140
2-Fluorobiphenyl (Surr)	126		40 - 140
2-Fluorophenol (Surr)	123		40 - 140
Nitrobenzene-d5 (Surr)	137		40 - 140
Phenol-d5 (Surr)	110		40 - 140
Terphenyl-d14 (Surr)	130		40 - 140

Lab Sample ID: MB 400-729914/1-A

Matrix: Solid

Analysis Batch: 730216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729914/1-A

Matrix: Solid

Analysis Batch: 730216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Acetophenone	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Atrazine	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Caprolactam	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Carbazole	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Chrysene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Fluorene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729914/1-A

Matrix: Solid

Analysis Batch: 730216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Naphthalene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Phenol	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1
Pyrene	ND		0.330	0.0330	mg/Kg		11/10/25 10:24	11/12/25 14:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	125		40 - 140	11/10/25 10:24	11/12/25 14:11	1
2-Fluorobiphenyl (Surr)	113		40 - 140	11/10/25 10:24	11/12/25 14:11	1
2-Fluorophenol (Surr)	126		40 - 140	11/10/25 10:24	11/12/25 14:11	1
Nitrobenzene-d5 (Surr)	129		40 - 140	11/10/25 10:24	11/12/25 14:11	1
Phenol-d5 (Surr)	107		40 - 140	11/10/25 10:24	11/12/25 14:11	1
Terphenyl-d14 (Surr)	112		40 - 140	11/10/25 10:24	11/12/25 14:11	1

Lab Sample ID: LCS 400-729914/2-A

Matrix: Solid

Analysis Batch: 730216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.50	1.805		mg/Kg		120	19 - 126
2,4,5-Trichlorophenol	1.50	1.802		mg/Kg		120	10 - 150
2,4,6-Trichlorophenol	1.50	1.908		mg/Kg		127	10 - 150
2,4-Dichlorophenol	1.50	1.642		mg/Kg		109	10 - 150
2,4-Dimethylphenol	1.50	1.230		mg/Kg		82	10 - 141
2,4-Dinitrophenol	3.00	2.853		mg/Kg		95	10 - 150
2,4-Dinitrotoluene	1.50	1.940		mg/Kg		129	31 - 136
2,6-Dinitrotoluene	1.50	2.136	*+	mg/Kg		142	31 - 137
2-Chloronaphthalene	1.50	1.683		mg/Kg		112	20 - 126
2-Chlorophenol	1.50	1.709		mg/Kg		114	10 - 150
2-Methylnaphthalene	1.50	1.783		mg/Kg		119	20 - 150
2-Methylphenol	1.50	1.753		mg/Kg		117	18 - 126
2-Nitroaniline	1.50	2.022		mg/Kg		135	30 - 150
2-Nitrophenol	1.50	1.870		mg/Kg		125	19 - 150
3 & 4 Methylphenol	1.50	1.574		mg/Kg		105	10 - 150
3,3'-Dichlorobenzidine	3.00	2.368		mg/Kg		79	10 - 124
3-Nitroaniline	1.50	1.875		mg/Kg		125	10 - 148
4,6-Dinitro-2-methylphenol	3.00	3.345		mg/Kg		112	15 - 150
4-Bromophenyl phenyl ether	1.50	1.648		mg/Kg		110	21 - 129
4-Chloro-3-methylphenol	1.50	1.460		mg/Kg		97	16 - 150
4-Chloroaniline	1.50	1.288		mg/Kg		86	10 - 120
4-Chlorophenyl phenyl ether	1.50	1.621		mg/Kg		108	21 - 124
4-Nitroaniline	1.50	2.073		mg/Kg		138	21 - 146
4-Nitrophenol	3.00	3.643		mg/Kg		121	10 - 150
Acenaphthene	1.50	1.764		mg/Kg		118	21 - 150

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: LCS 400-729914/2-A

Matrix: Solid

Analysis Batch: 730216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	1.50	1.878		mg/Kg		125	22 - 150
Acetophenone	1.50	1.646		mg/Kg		110	15 - 128
Anthracene	1.50	1.688		mg/Kg		113	28 - 150
Atrazine	1.50	1.748		mg/Kg		117	10 - 150
Benzaldehyde	1.50	1.693		mg/Kg		113	10 - 150
Benzo[a]anthracene	1.50	1.734		mg/Kg		116	32 - 150
Benzo[a]pyrene	1.50	1.763		mg/Kg		118	24 - 150
Benzo[b]fluoranthene	1.50	1.807		mg/Kg		120	17 - 150
Benzo[g,h,i]perylene	1.50	1.749		mg/Kg		117	25 - 150
Benzo[k]fluoranthene	1.50	1.746		mg/Kg		116	24 - 150
bis (2-chloroisopropyl) ether	1.50	1.702		mg/Kg		113	13 - 125
Bis(2-chloroethoxy)methane	1.50	1.787		mg/Kg		119	16 - 132
Bis(2-chloroethyl)ether	1.50	1.638		mg/Kg		109	24 - 120
Bis(2-ethylhexyl) phthalate	1.50	1.692		mg/Kg		113	12 - 150
Butyl benzyl phthalate	1.50	1.921		mg/Kg		128	24 - 150
Caprolactam	1.50	1.439		mg/Kg		96	10 - 150
Carbazole	1.50	1.729		mg/Kg		115	16 - 150
Chrysene	1.50	1.708		mg/Kg		114	31 - 150
Dibenz(a,h)anthracene	1.50	1.776		mg/Kg		118	26 - 150
Dibenzofuran	1.50	1.697		mg/Kg		113	27 - 123
Diethyl phthalate	1.50	1.648		mg/Kg		110	20 - 150
Dimethyl phthalate	1.50	1.726		mg/Kg		115	21 - 140
Di-n-butyl phthalate	1.50	1.739		mg/Kg		116	10 - 150
Di-n-octyl phthalate	1.50	1.912		mg/Kg		127	23 - 150
Fluoranthene	1.50	1.705		mg/Kg		114	27 - 150
Fluorene	1.50	1.708		mg/Kg		114	21 - 150
Hexachlorobenzene	1.50	1.771		mg/Kg		118	23 - 121
Hexachlorobutadiene	1.50	1.588		mg/Kg		106	15 - 120
Hexachlorocyclopentadiene	1.50	1.739		mg/Kg		116	14 - 132
Hexachloroethane	1.50	1.771		mg/Kg		118	20 - 120
Indeno[1,2,3-cd]pyrene	1.50	1.752		mg/Kg		117	33 - 150
Isophorone	1.50	1.654		mg/Kg		110	22 - 129
Naphthalene	1.50	1.699		mg/Kg		113	17 - 150
Nitrobenzene	1.50	2.045	*+	mg/Kg		136	22 - 126
N-Nitrosodi-n-propylamine	1.50	1.786		mg/Kg		119	23 - 128
N-Nitrosodiphenylamine	1.49	1.710		mg/Kg		115	21 - 137
Pentachlorophenol	3.00	3.733		mg/Kg		124	10 - 150
Phenanthrene	1.50	1.659		mg/Kg		111	24 - 150
Phenol	1.50	1.495		mg/Kg		100	10 - 150
Pyrene	1.50	1.724		mg/Kg		115	25 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	138		40 - 140
2-Fluorobiphenyl (Surr)	104		40 - 140
2-Fluorophenol (Surr)	116		40 - 140
Nitrobenzene-d5 (Surr)	120		40 - 140
Phenol-d5 (Surr)	100		40 - 140
Terphenyl-d14 (Surr)	104		40 - 140

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QC Sample Results

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

Job ID: 752-38763-1

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

Lab Sample ID: MB 400-729449/1-A

Matrix: Solid

Analysis Batch: 729760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729449

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		11/05/25 10:42	11/07/25 13:44	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	65		10 - 150				11/05/25 10:42	11/07/25 13:44	1

Lab Sample ID: LCS 400-729449/2-A

Matrix: Solid

Analysis Batch: 729760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.267	0.2648		mg/Kg		99	50 - 150
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
1,4-Dioxane-d8	66		10 - 150				

Lab Sample ID: 752-38763-1 MS

Matrix: Solid

Analysis Batch: 729760

Client Sample ID: SED-1

Prep Type: Total/NA

Prep Batch: 729449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	ND		0.352	0.3360		mg/Kg	✱	95	50 - 150
Isotope Dilution	MS %Recovery	MS Qualifier	Limits						
1,4-Dioxane-d8	60		10 - 150						

Lab Sample ID: 752-38763-1 MSD

Matrix: Solid

Analysis Batch: 729760

Client Sample ID: SED-1

Prep Type: Total/NA

Prep Batch: 729449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.360	0.3393		mg/Kg	✱	94	50 - 150	1	50
Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits								
1,4-Dioxane-d8	60		10 - 150								

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-93658/1-A

Matrix: Solid

Analysis Batch: 93653

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		2.50	0.725	mg/Kg			11/08/25 03:35	1

Lab Sample ID: LCS 705-93658/2-A

Matrix: Solid

Analysis Batch: 93653

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	50.0	54.75		mg/Kg		109	90 - 110

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QC Sample Results

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

Job ID: 752-38763-1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: 752-38763-1 MS

Matrix: Solid

Analysis Batch: 93653

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	2.76	J	67.1	75.64		mg/Kg	✱	109	80 - 120

Lab Sample ID: 752-38763-1 MSD

Matrix: Solid

Analysis Batch: 93653

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	2.76	J	67.1	72.57		mg/Kg	✱	104	80 - 120	4	15

Lab Sample ID: MB 705-93658/1-A

Matrix: Solid

Analysis Batch: 93654

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		10.0	9.81	mg/Kg			11/08/25 03:35	1

Lab Sample ID: LCS 705-93658/2-A

Matrix: Solid

Analysis Batch: 93654

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	250	261.7		mg/Kg		105	90 - 110

Lab Sample ID: 752-38763-1 MS

Matrix: Solid

Analysis Batch: 93654

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	21.8		335	390.8		mg/Kg	✱	110	80 - 120

Lab Sample ID: 752-38763-1 MSD

Matrix: Solid

Analysis Batch: 93654

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	21.8		335	363.3		mg/Kg	✱	102	80 - 120	7	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-93061/1-A

Matrix: Solid

Analysis Batch: 95317

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 93061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Arsenic	0.05425	J	0.600	0.0535	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Barium	0.04125	J	2.50	0.0142	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Beryllium	ND		0.500	0.0351	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Cadmium	ND		0.500	0.0163	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Chromium	ND		1.00	0.206	mg/Kg		11/05/25 11:37	11/13/25 18:39	5

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QC Sample Results

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

Job ID: 752-38763-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-93061/1-A

Matrix: Solid

Analysis Batch: 95317

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 93061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.750	0.0283	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Copper	0.1818	J	0.500	0.0520	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Lead	ND		0.500	0.0590	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Manganese	0.08575	J	1.00	0.0615	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Nickel	0.02975	J	1.00	0.0262	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Selenium	0.7763	J	2.50	0.178	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Silver	0.005000	J	0.250	0.00290	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Thallium	ND		0.700	0.0422	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Vanadium	0.3255	J	1.00	0.126	mg/Kg		11/05/25 11:37	11/13/25 18:39	5
Zinc	2.229	J	2.50	2.08	mg/Kg		11/05/25 11:37	11/13/25 18:39	5

Lab Sample ID: LCS 705-93061/2-A

Matrix: Solid

Analysis Batch: 95317

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 93061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.19		mg/Kg		102	80 - 120
Arsenic	10.0	10.20		mg/Kg		102	80 - 120
Barium	10.0	10.32		mg/Kg		103	80 - 120
Beryllium	10.0	9.862		mg/Kg		99	80 - 120
Cadmium	10.0	9.771		mg/Kg		98	80 - 120
Chromium	10.0	10.73		mg/Kg		107	80 - 120
Cobalt	10.0	10.20		mg/Kg		102	80 - 120
Copper	10.0	10.21		mg/Kg		102	80 - 120
Lead	10.0	10.25		mg/Kg		102	80 - 120
Manganese	10.0	10.33		mg/Kg		103	80 - 120
Nickel	10.0	10.22		mg/Kg		102	80 - 120
Selenium	10.0	10.23		mg/Kg		102	80 - 120
Silver	1.00	1.028		mg/Kg		103	80 - 120
Thallium	10.0	10.29		mg/Kg		103	80 - 120
Vanadium	10.0	10.36		mg/Kg		104	80 - 120
Zinc	10.0	11.89		mg/Kg		119	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-94404/1-A

Matrix: Solid

Analysis Batch: 95012

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 94404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		11/11/25 13:13	11/13/25 10:33	1

Lab Sample ID: LCS 705-94404/2-A

Matrix: Solid

Analysis Batch: 95012

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 94404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.3794		mg/Kg		95	80 - 120

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QC Sample Results

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

Job ID: 752-38763-1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-730310/19

Matrix: Solid

Analysis Batch: 730310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.0498	0.04700	J	mg/L		94	50 - 150

Lab Sample ID: MB 400-730093/1-A

Matrix: Solid

Analysis Batch: 730310

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.984	0.315	mg/Kg			11/12/25 11:29	1

Lab Sample ID: LCS 400-730093/2-A

Matrix: Solid

Analysis Batch: 730310

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	59.0	60.43		mg/Kg		102	90 - 110

Lab Sample ID: 752-38763-1 MS

Matrix: Solid

Analysis Batch: 730310

Client Sample ID: SED-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	ND		19.6	20.93		mg/Kg	☆	107	90 - 110

Lab Sample ID: 752-38763-1 MSD

Matrix: Solid

Analysis Batch: 730310

Client Sample ID: SED-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	ND		19.6	21.27		mg/Kg	☆	108	90 - 110	2	11

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-729570/1-A

Matrix: Solid

Analysis Batch: 730016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 729570

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		11/06/25 08:43	11/10/25 19:52	1

Lab Sample ID: LCS 400-729570/2-A

Matrix: Solid

Analysis Batch: 730016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 729570

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.00	1.839		mg/Kg		92	85 - 115

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QC Sample Results

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

Job ID: 752-38763-1

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: 752-38763-1 MS

Matrix: Solid

Analysis Batch: 730016

Client Sample ID: SED-1

Prep Type: Total/NA

Prep Batch: 729570

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.137	J	2.45	2.231		mg/Kg	✱	85	75 - 125

Lab Sample ID: 752-38763-1 MSD

Matrix: Solid

Analysis Batch: 730016

Client Sample ID: SED-1

Prep Type: Total/NA

Prep Batch: 729570

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.137	J	2.58	2.322		mg/Kg	✱	85	75 - 125	4	15

QC Association Summary

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

Job ID: 752-38763-1

GC/MS VOA

Analysis Batch: 729619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	8260D	729630
752-38763-2	SED-2	Total/NA	Solid	8260D	729630
MB 400-729630/2-A	Method Blank	Total/NA	Solid	8260D	729630
LCS 400-729630/1-A	Lab Control Sample	Total/NA	Solid	8260D	729630

Prep Batch: 729630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	5035	
752-38763-2	SED-2	Total/NA	Solid	5035	
MB 400-729630/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-729630/1-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 729756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-3	SED-3	Total/NA	Solid	8260D	729968
752-38763-4	SED-4	Total/NA	Solid	8260D	729968
752-38763-5	SED-DUP	Total/NA	Solid	8260D	729968
752-38763-6	SED-5	Total/NA	Solid	8260D	729968
752-38763-7	SED-6	Total/NA	Solid	8260D	729968
MB 400-729968/2-A	Method Blank	Total/NA	Solid	8260D	729968
LCS 400-729968/1-A	Lab Control Sample	Total/NA	Solid	8260D	729968

Analysis Batch: 729833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-9	Trip Blank	Total/NA	Water	8260D	
MB 400-729833/5	Method Blank	Total/NA	Water	8260D	
LCS 400-729833/1002	Lab Control Sample	Total/NA	Water	8260D	

Prep Batch: 729968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-3	SED-3	Total/NA	Solid	5035	
752-38763-4	SED-4	Total/NA	Solid	5035	
752-38763-5	SED-DUP	Total/NA	Solid	5035	
752-38763-6	SED-5	Total/NA	Solid	5035	
752-38763-7	SED-6	Total/NA	Solid	5035	
MB 400-729968/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-729968/1-A	Lab Control Sample	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 729442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	3546	
MB 400-729442/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729442/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 729449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	3546	
752-38763-2	SED-2	Total/NA	Solid	3546	
752-38763-3	SED-3	Total/NA	Solid	3546	

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QC Association Summary

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

Job ID: 752-38763-1

GC/MS Semi VOA (Continued)

Prep Batch: 729449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-4	SED-4	Total/NA	Solid	3546	
752-38763-5	SED-DUP	Total/NA	Solid	3546	
752-38763-6	SED-5	Total/NA	Solid	3546	
752-38763-7	SED-6	Total/NA	Solid	3546	
MB 400-729449/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729449/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-38763-1 MS	SED-1	Total/NA	Solid	3546	
752-38763-1 MSD	SED-1	Total/NA	Solid	3546	

Analysis Batch: 729760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	8270E SIM ID	729449
752-38763-2	SED-2	Total/NA	Solid	8270E SIM ID	729449
752-38763-3	SED-3	Total/NA	Solid	8270E SIM ID	729449
752-38763-4	SED-4	Total/NA	Solid	8270E SIM ID	729449
752-38763-5	SED-DUP	Total/NA	Solid	8270E SIM ID	729449
752-38763-6	SED-5	Total/NA	Solid	8270E SIM ID	729449
752-38763-7	SED-6	Total/NA	Solid	8270E SIM ID	729449
MB 400-729449/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	729449
LCS 400-729449/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	729449
752-38763-1 MS	SED-1	Total/NA	Solid	8270E SIM ID	729449
752-38763-1 MSD	SED-1	Total/NA	Solid	8270E SIM ID	729449

Analysis Batch: 729772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	8270E	729442
MB 400-729442/1-A	Method Blank	Total/NA	Solid	8270E	729442
LCS 400-729442/2-A	Lab Control Sample	Total/NA	Solid	8270E	729442

Prep Batch: 729914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-2	SED-2	Total/NA	Solid	3546	
752-38763-3	SED-3	Total/NA	Solid	3546	
752-38763-4	SED-4	Total/NA	Solid	3546	
752-38763-5	SED-DUP	Total/NA	Solid	3546	
752-38763-6	SED-5	Total/NA	Solid	3546	
752-38763-7	SED-6	Total/NA	Solid	3546	
MB 400-729914/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-729914/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 730216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-2	SED-2	Total/NA	Solid	8270E	729914
752-38763-3	SED-3	Total/NA	Solid	8270E	729914
752-38763-4	SED-4	Total/NA	Solid	8270E	729914
752-38763-5	SED-DUP	Total/NA	Solid	8270E	729914
752-38763-6	SED-5	Total/NA	Solid	8270E	729914
752-38763-7	SED-6	Total/NA	Solid	8270E	729914
MB 400-729914/1-A	Method Blank	Total/NA	Solid	8270E	729914
LCS 400-729914/2-A	Lab Control Sample	Total/NA	Solid	8270E	729914

Eurofins Raleigh

QC Association Summary

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

Job ID: 752-38763-1

HPLC/IC

Analysis Batch: 93653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Soluble	Solid	9056A	93658
752-38763-2	SED-2	Soluble	Solid	9056A	93658
752-38763-3	SED-3	Soluble	Solid	9056A	93658
752-38763-4	SED-4	Soluble	Solid	9056A	93658
752-38763-5	SED-DUP	Soluble	Solid	9056A	93658
752-38763-6	SED-5	Soluble	Solid	9056A	93658
752-38763-7	SED-6	Soluble	Solid	9056A	93658
MB 705-93658/1-A	Method Blank	Soluble	Solid	9056A	93658
LCS 705-93658/2-A	Lab Control Sample	Soluble	Solid	9056A	93658
752-38763-1 MS	SED-1	Soluble	Solid	9056A	93658
752-38763-1 MSD	SED-1	Soluble	Solid	9056A	93658

Analysis Batch: 93654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Soluble	Solid	9056A	93658
752-38763-2	SED-2	Soluble	Solid	9056A	93658
752-38763-3	SED-3	Soluble	Solid	9056A	93658
752-38763-4	SED-4	Soluble	Solid	9056A	93658
752-38763-5	SED-DUP	Soluble	Solid	9056A	93658
752-38763-6	SED-5	Soluble	Solid	9056A	93658
752-38763-7	SED-6	Soluble	Solid	9056A	93658
MB 705-93658/1-A	Method Blank	Soluble	Solid	9056A	93658
LCS 705-93658/2-A	Lab Control Sample	Soluble	Solid	9056A	93658
752-38763-1 MS	SED-1	Soluble	Solid	9056A	93658
752-38763-1 MSD	SED-1	Soluble	Solid	9056A	93658

Leach Batch: 93658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Soluble	Solid	DI Leach	
752-38763-2	SED-2	Soluble	Solid	DI Leach	
752-38763-3	SED-3	Soluble	Solid	DI Leach	
752-38763-4	SED-4	Soluble	Solid	DI Leach	
752-38763-5	SED-DUP	Soluble	Solid	DI Leach	
752-38763-6	SED-5	Soluble	Solid	DI Leach	
752-38763-7	SED-6	Soluble	Solid	DI Leach	
MB 705-93658/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-93658/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-38763-1 MS	SED-1	Soluble	Solid	DI Leach	
752-38763-1 MSD	SED-1	Soluble	Solid	DI Leach	

Metals

Prep Batch: 93061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	3050B	
752-38763-2	SED-2	Total/NA	Solid	3050B	
752-38763-3	SED-3	Total/NA	Solid	3050B	
752-38763-4	SED-4	Total/NA	Solid	3050B	
752-38763-5	SED-DUP	Total/NA	Solid	3050B	
752-38763-6	SED-5	Total/NA	Solid	3050B	
752-38763-7	SED-6	Total/NA	Solid	3050B	

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QC Association Summary

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

Job ID: 752-38763-1

Metals (Continued)

Prep Batch: 93061 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-93061/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-93061/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 94404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	7471B	
752-38763-2	SED-2	Total/NA	Solid	7471B	
752-38763-3	SED-3	Total/NA	Solid	7471B	
752-38763-4	SED-4	Total/NA	Solid	7471B	
752-38763-5	SED-DUP	Total/NA	Solid	7471B	
752-38763-6	SED-5	Total/NA	Solid	7471B	
752-38763-7	SED-6	Total/NA	Solid	7471B	
MB 705-94404/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-94404/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 95012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	7471B	94404
752-38763-2	SED-2	Total/NA	Solid	7471B	94404
752-38763-3	SED-3	Total/NA	Solid	7471B	94404
752-38763-4	SED-4	Total/NA	Solid	7471B	94404
752-38763-5	SED-DUP	Total/NA	Solid	7471B	94404
752-38763-6	SED-5	Total/NA	Solid	7471B	94404
752-38763-7	SED-6	Total/NA	Solid	7471B	94404
MB 705-94404/1-A	Method Blank	Total/NA	Solid	7471B	94404
LCS 705-94404/2-A	Lab Control Sample	Total/NA	Solid	7471B	94404

Analysis Batch: 95317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	6020B	93061
752-38763-2	SED-2	Total/NA	Solid	6020B	93061
752-38763-3	SED-3	Total/NA	Solid	6020B	93061
752-38763-4	SED-4	Total/NA	Solid	6020B	93061
752-38763-5	SED-DUP	Total/NA	Solid	6020B	93061
752-38763-6	SED-5	Total/NA	Solid	6020B	93061
752-38763-7	SED-6	Total/NA	Solid	6020B	93061
MB 705-93061/1-A	Method Blank	Total/NA	Solid	6020B	93061
LCS 705-93061/2-A	Lab Control Sample	Total/NA	Solid	6020B	93061

Analysis Batch: 95568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-5	SED-DUP	Total/NA	Solid	6020B	93061
752-38763-6	SED-5	Total/NA	Solid	6020B	93061
752-38763-7	SED-6	Total/NA	Solid	6020B	93061

General Chemistry

Prep Batch: 729570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	3060A	
752-38763-2	SED-2	Total/NA	Solid	3060A	

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QC Association Summary

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

Job ID: 752-38763-1

General Chemistry (Continued)

Prep Batch: 729570 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-3	SED-3	Total/NA	Solid	3060A	
752-38763-4	SED-4	Total/NA	Solid	3060A	
752-38763-5	SED-DUP	Total/NA	Solid	3060A	
752-38763-6	SED-5	Total/NA	Solid	3060A	
752-38763-7	SED-6	Total/NA	Solid	3060A	
MB 400-729570/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-729570/2-A	Lab Control Sample	Total/NA	Solid	3060A	
752-38763-1 MS	SED-1	Total/NA	Solid	3060A	
752-38763-1 MSD	SED-1	Total/NA	Solid	3060A	

Analysis Batch: 729816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	Moisture	
752-38763-2	SED-2	Total/NA	Solid	Moisture	
752-38763-3	SED-3	Total/NA	Solid	Moisture	

Analysis Batch: 729951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-4	SED-4	Total/NA	Solid	Moisture	
752-38763-5	SED-DUP	Total/NA	Solid	Moisture	
752-38763-6	SED-5	Total/NA	Solid	Moisture	
752-38763-7	SED-6	Total/NA	Solid	Moisture	

Analysis Batch: 730016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Total/NA	Solid	7199	729570
752-38763-2	SED-2	Total/NA	Solid	7199	729570
752-38763-3	SED-3	Total/NA	Solid	7199	729570
752-38763-4	SED-4	Total/NA	Solid	7199	729570
752-38763-5	SED-DUP	Total/NA	Solid	7199	729570
752-38763-6	SED-5	Total/NA	Solid	7199	729570
752-38763-7	SED-6	Total/NA	Solid	7199	729570
MB 400-729570/1-A	Method Blank	Total/NA	Solid	7199	729570
LCS 400-729570/2-A	Lab Control Sample	Total/NA	Solid	7199	729570
752-38763-1 MS	SED-1	Total/NA	Solid	7199	729570
752-38763-1 MSD	SED-1	Total/NA	Solid	7199	729570

Leach Batch: 730093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Soluble	Solid	DI Leach	
752-38763-2	SED-2	Soluble	Solid	DI Leach	
752-38763-3	SED-3	Soluble	Solid	DI Leach	
752-38763-4	SED-4	Soluble	Solid	DI Leach	
752-38763-5	SED-DUP	Soluble	Solid	DI Leach	
752-38763-6	SED-5	Soluble	Solid	DI Leach	
752-38763-7	SED-6	Soluble	Solid	DI Leach	
MB 400-730093/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-730093/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-38763-1 MS	SED-1	Soluble	Solid	DI Leach	
752-38763-1 MSD	SED-1	Soluble	Solid	DI Leach	

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QC Association Summary

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

Job ID: 752-38763-1

General Chemistry

Analysis Batch: 730310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-38763-1	SED-1	Soluble	Solid	350.1	730093
752-38763-2	SED-2	Soluble	Solid	350.1	730093
752-38763-3	SED-3	Soluble	Solid	350.1	730093
752-38763-4	SED-4	Soluble	Solid	350.1	730093
752-38763-5	SED-DUP	Soluble	Solid	350.1	730093
752-38763-6	SED-5	Soluble	Solid	350.1	730093
752-38763-7	SED-6	Soluble	Solid	350.1	730093
MB 400-730093/1-A	Method Blank	Soluble	Solid	350.1	730093
LCS 400-730093/2-A	Lab Control Sample	Soluble	Solid	350.1	730093
MRL 400-730310/19	Lab Control Sample	Total/NA	Solid	350.1	
752-38763-1 MS	SED-1	Soluble	Solid	350.1	730093
752-38763-1 MSD	SED-1	Soluble	Solid	350.1	730093

Lab Chronicle

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

Job ID: 752-38763-1

Client Sample ID: SED-1

Date Collected: 10/31/25 09:40

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729816	TMP	EET PEN	11/07/25 12:25

Client Sample ID: SED-1

Date Collected: 10/31/25 09:40

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-1

Matrix: Solid

Percent Solids: 74.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729630	BPO	EET PEN	11/06/25 11:32
Total/NA	Analysis	8260D		1	729619	BPO	EET PEN	11/06/25 18:12
Total/NA	Prep	3546			729442	AMM	EET PEN	11/05/25 10:25
Total/NA	Analysis	8270E		1	729772	S1B	EET PEN	11/07/25 20:56
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		2	729760	VC1	EET PEN	11/07/25 15:11
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 03:57
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 03:57
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 19:34
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 11:36
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 11:34
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 20:55

Client Sample ID: SED-2

Date Collected: 10/31/25 10:25

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729816	TMP	EET PEN	11/07/25 12:25

Client Sample ID: SED-2

Date Collected: 10/31/25 10:25

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-2

Matrix: Solid

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729630	BPO	EET PEN	11/06/25 11:32
Total/NA	Analysis	8260D		1	729619	BPO	EET PEN	11/06/25 18:37
Total/NA	Prep	3546			729914	AMM	EET PEN	11/10/25 10:24
Total/NA	Analysis	8270E		1	730216	S1B	EET PEN	11/12/25 17:13
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		5	729760	VC1	EET PEN	11/07/25 15:32

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38763-1

Client Sample ID: SED-2

Lab Sample ID: 752-38763-2

Date Collected: 10/31/25 10:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 04:32
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 04:32
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 19:37
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 11:40
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 11:47
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 21:33

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Date Collected: 10/31/25 11:10

Matrix: Solid

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729816	TMP	EET PEN	11/07/25 12:25

Client Sample ID: SED-3

Lab Sample ID: 752-38763-3

Date Collected: 10/31/25 11:10

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729968	BPO	EET PEN	11/10/25 12:13
Total/NA	Analysis	8260D		1	729756	BPO	EET PEN	11/10/25 17:25
Total/NA	Prep	3546			729914	AMM	EET PEN	11/10/25 10:24
Total/NA	Analysis	8270E		1	730216	S1B	EET PEN	11/12/25 17:44
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		5	729760	VC1	EET PEN	11/07/25 15:54
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 04:43
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 04:43
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 19:39
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 11:43
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 11:50
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 21:46

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38763-1

Client Sample ID: SED-4

Date Collected: 10/31/25 11:55

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729951	TMP	EET PEN	11/10/25 11:22

Client Sample ID: SED-4

Date Collected: 10/31/25 11:55

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-4

Matrix: Solid

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729968	BPO	EET PEN	11/10/25 12:13
Total/NA	Analysis	8260D		1	729756	BPO	EET PEN	11/10/25 17:53
Total/NA	Prep	3546			729914	AMM	EET PEN	11/10/25 10:24
Total/NA	Analysis	8270E		1	730216	S1B	EET PEN	11/12/25 18:14
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		5	729760	VC1	EET PEN	11/07/25 16:16
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 04:54
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 04:54
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 19:42
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 11:53
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 11:52
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 22:24

Client Sample ID: SED-DUP

Date Collected: 10/31/25 11:55

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729951	TMP	EET PEN	11/10/25 11:22

Client Sample ID: SED-DUP

Date Collected: 10/31/25 11:55

Date Received: 10/31/25 16:25

Lab Sample ID: 752-38763-5

Matrix: Solid

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729968	BPO	EET PEN	11/10/25 12:13
Total/NA	Analysis	8260D		1	729756	BPO	EET PEN	11/10/25 18:20
Total/NA	Prep	3546			729914	AMM	EET PEN	11/10/25 10:24
Total/NA	Analysis	8270E		1	730216	S1B	EET PEN	11/12/25 18:44
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		5	729760	VC1	EET PEN	11/07/25 16:38

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Lab Chronicle

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

Job ID: 752-38763-1

Client Sample ID: SED-DUP

Lab Sample ID: 752-38763-5

Date Collected: 10/31/25 11:55

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 05:06
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 05:06
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 20:14
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95568	MD	EET ATL	11/14/25 14:48
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 11:56
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 11:55
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 22:36

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729951	TMP	EET PEN	11/10/25 11:22

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 63.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729968	BPO	EET PEN	11/10/25 12:13
Total/NA	Analysis	8260D		1	729756	BPO	EET PEN	11/10/25 18:48
Total/NA	Prep	3546			729914	AMM	EET PEN	11/10/25 10:24
Total/NA	Analysis	8270E		1	730216	S1B	EET PEN	11/12/25 19:14
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		5	729760	VC1	EET PEN	11/07/25 17:00
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 05:17
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 05:17
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 20:16
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95568	MD	EET ATL	11/14/25 14:53
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 11:59
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 12:09

Eurofins Raleigh

Lab Chronicle

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

Job ID: 752-38763-1

Client Sample ID: SED-5

Lab Sample ID: 752-38763-6

Date Collected: 10/31/25 13:25

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 63.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 22:49

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Date Collected: 10/31/25 14:15

Matrix: Solid

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	729951	TMP	EET PEN	11/10/25 11:22

Client Sample ID: SED-6

Lab Sample ID: 752-38763-7

Date Collected: 10/31/25 14:15

Matrix: Solid

Date Received: 10/31/25 16:25

Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			729968	BPO	EET PEN	11/10/25 12:13
Total/NA	Analysis	8260D		1	729756	BPO	EET PEN	11/10/25 19:15
Total/NA	Prep	3546			729914	AMM	EET PEN	11/10/25 10:24
Total/NA	Analysis	8270E		1	730216	S1B	EET PEN	11/12/25 19:44
Total/NA	Prep	3546			729449	AMM	EET PEN	11/05/25 10:42
Total/NA	Analysis	8270E SIM ID		5	729760	VC1	EET PEN	11/07/25 17:21
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93653	MS	EET ATL	11/08/25 06:14
Soluble	Leach	DI Leach			93658	MS	EET ATL	11/07/25 12:10
Soluble	Analysis	9056A		1	93654	MS	EET ATL	11/08/25 06:14
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95317	MD	EET ATL	11/13/25 20:18
Total/NA	Prep	3050B			93061	SA	EET ATL	11/05/25 11:37
Total/NA	Analysis	6020B		5	95568	MD	EET ATL	11/14/25 14:56
Total/NA	Prep	7471B			94404	TR	EET ATL	11/11/25 13:13
Total/NA	Analysis	7471B		1	95012	GR	EET ATL	11/13/25 12:03
Soluble	Leach	DI Leach			730093	CAC	EET PEN	11/11/25 11:37
Soluble	Analysis	350.1		1	730310	CAC	EET PEN	11/12/25 12:11
Total/NA	Prep	3060A			729570	AC	EET PEN	11/06/25 08:43
Total/NA	Analysis	7199		1	730016	AR	EET PEN	11/10/25 23:02

Client Sample ID: Trip Blank

Lab Sample ID: 752-38763-9

Date Collected: 10/31/25 00:00

Matrix: Water

Date Received: 10/31/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	729833	RSG	EET PEN	11/08/25 20:22

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

Eurofins Raleigh

Accreditation/Certification Summary

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

Job ID: 752-38763-1

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-25

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8260D		Water	Hexane
8260D		Water	n-Heptane
8260D	5035	Solid	Hexane
8260D	5035	Solid	n-Heptane
8270E	3546	Solid	3 & 4 Methylphenol
8270E	3546	Solid	4-Nitrophenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

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

Job ID: 752-38763-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET PEN
9056A	Anions, Ion Chromatography	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET 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
5030C	Purge and Trap	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7471B	Preparation, Mercury	SW846	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET ATL
DI Leach	Deionized Water Leaching Procedure	ASTM	EET PEN

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET 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: 752-38763-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-38763-1	SED-1	Solid	10/31/25 09:40	10/31/25 16:25	North Carolina
752-38763-2	SED-2	Solid	10/31/25 10:25	10/31/25 16:25	North Carolina
752-38763-3	SED-3	Solid	10/31/25 11:10	10/31/25 16:25	North Carolina
752-38763-4	SED-4	Solid	10/31/25 11:55	10/31/25 16:25	North Carolina
752-38763-5	SED-DUP	Solid	10/31/25 11:55	10/31/25 16:25	North Carolina
752-38763-6	SED-5	Solid	10/31/25 13:25	10/31/25 16:25	North Carolina
752-38763-7	SED-6	Solid	10/31/25 14:15	10/31/25 16:25	North Carolina
752-38763-9	Trip Blank	Water	10/31/25 00:00	10/31/25 16:25	North Carolina

eurolins | Environment Testing

Ver. 05/06/10247/2025

Eurofins Raleigh

104 Woodwinds Industrial Court Suite A

Cary, NC 27511

Phone 919-467-3090

Chain of Custody Record



Environment Testing



Client Information (Sub Contract Lab)		Sampler N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7118.1
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Chad Bechtold@et.eurofins.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 #: 752-38763-1
Address: 3355 McLeomore Drive,		Analysis Requested			Preservation Codes:
City: Pensacola	State, Zip: FL, 32514	PO #: N/A	Due Date Requested: 11/5/2025		
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	E-mail: N/A	WO #: N/A	TAT Requested (days): N/A		
Project Name: Northgate Park	Site: N/A	Project #: 68026680	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)
SSOW#: N/A	Matrix (Water, Solid, Over-sat, ST-Tissue, AAU)	Sample Type (C=Comp, G=grab)	Sample Time	Sample Date	Sample Type (C=Comp, G=grab)
Sample Identification - Client ID (Lab ID)		Special Instructions/Note:			
SED-1 (752-38763-1)	09.40 Eastern	10/31/25	10/31/25	10/31/25	10/31/25
SED-2 (752-38763-2)	10:25 Eastern	10/31/25	10/31/25	10/31/25	10/31/25
SED-3 (752-38763-3)	11:10 Eastern	10/31/25	10/31/25	10/31/25	10/31/25
SED-4 (752-38763-4)	11:55 Eastern	10/31/25	10/31/25	10/31/25	10/31/25
SED-DUP (752-38763-5)	Eastern	10/31/25	10/31/25	10/31/25	10/31/25
SED-5 (752-38763-6)	13:25 Eastern	10/31/25	10/31/25	10/31/25	10/31/25
SED-6 (752-38763-7)	14:15 Eastern	10/31/25	10/31/25	10/31/25	10/31/25
Trip Blank (752-38763-8)	Eastern	10/31/25	10/31/25	10/31/25	10/31/25
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/test/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)		Special Instructions/QC Requirements:			
Empty Kit Relinquished by:		Method of Shipment:			
Relinquished by: Rachel Yonish		Date/Time: 11/25/2025 1530			
Relinquished by:		Date/Time:			
Relinquished by:		Date/Time:			
Custody Seals Intact: ☐ Yes ☐ No		Cooler Temperature(s) °C and Other Remarks: 0.0, 2.6, 3.2, 4.1			

Eurofins Raleigh

104 Woodwinds Industrial Court Suite A

Cary, NC 27511

Phone: 919-467-3090

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Bechtold, Chad		Carrier Tracking No(s): N/A		COC No: 752-7113.1													
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 #: 752-38763-1													
Address: 3080 Presidential Dr,		Due Date Requested: 11/11/2025		Analysis Requested						Preservation Codes:											
City: Atlanta		TAT Requested (days): N/A		<table border="1"><tr><td rowspan="5">Field Filtered Sample (Yes or No)</td><td rowspan="5">Perform MS/MSD (Yes or No)</td><td rowspan="5">6020B_LL/3050B/PRL/16 Metals, including prep</td><td rowspan="5">7473Mercury</td><td rowspan="5">9056A_ORGFM_28/DI_LEACHSulfate</td><td rowspan="5">9056A_ORGFM_48/HDI_LEACHNitrate</td><td rowspan="5">MoisturePercent Moisture</td><td rowspan="5">Total Number of containers</td></tr><tr></tr><tr></tr><tr></tr><tr></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050B/PRL/16 Metals, including prep	7473Mercury	9056A_ORGFM_28/DI_LEACHSulfate	9056A_ORGFM_48/HDI_LEACHNitrate	MoisturePercent Moisture	Total Number of containers	Other: N/A			
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B_LL/3050B/PRL/16 Metals, including prep	7473Mercury															9056A_ORGFM_28/DI_LEACHSulfate	9056A_ORGFM_48/HDI_LEACHNitrate	MoisturePercent Moisture	Total Number of containers
State, Zip: GA, 30340		PO #: N/A		Project #: 68026680		SSOW#: N/A															
Phone: 770-457-8177(Tel)		WO #: N/A		Project Name: Northgate Park		Site: N/A															
Email: N/A		Project #: 68026680		SSOW#: N/A																	
Project Name: Northgate Park		Project #: 68026680		SSOW#: N/A																	
Site: N/A		SSOW#: N/A																			
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oli, ST=Tissue, A=Air)													
						Preservation Code:		Special Instructions/Note:													
SED-1 (752-38763-1)		10/31/25		09:40 Eastern		G		Solid													
SED-2 (752-38763-2)		10/31/25		10:25 Eastern		G		Solid													
SED-3 (752-38763-3)		10/31/25		11:10 Eastern		G		Solid													
SED-4 (752-38763-4)		10/31/25		11:55 Eastern		G		Solid													
SED-DUP (752-38763-5)		10/31/25		Eastern		G		Solid													
SED-5 (752-38763-6)		10/31/25		13:25 Eastern		G		Solid													
SED-6 (752-38763-7)		10/31/25		14:15 Eastern		G		Solid													
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																
Empty Kit Relinquished by:					Special Instructions/QC Requirements:																
Relinquished by: Rachel Yonish					Date/Time: 11/13/25 1530																
Relinquished by:					Date/Time:																
Relinquished by:					Date/Time:																
Custody Seals Intact: ☐ Yes ☐ No					Custody Seal No.:																
					Cooler Temperature(s) °C and Other Remarks: .7 #25668																

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-38763-1

Login Number: 38763

List Source: Eurofins Raleigh

List Number: 1

Creator: Ortiz, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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?	False	
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 $<6\text{mm}$ (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: 752-38763-1

Login Number: 38763

List Number: 2

Creator: Taylor, Renee

List Source: Eurofins Atlanta

List Creation: 11/04/25 01:05 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: 752-38763-1

Login Number: 38763

List Number: 3

Creator: Bankston, Victoria K

List Source: Eurofins Pensacola

List Creation: 11/04/25 05:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0, 2.6°C IR11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (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:	1/26/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

Soil Gas Exposure Point Concentration Table																
Description of Exposure Point Concentration Selection:																
Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.																
Exposure Point Concentration (ug/m ³)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
22		67-64-1	Acetone			ug/m ³	825-LFGP-2									
3		71-43-2	Benzene			ug/m ³	825-LFGP-1									
3.4		106-99-0	Butadiene, 1,3-			ug/m ³	825-LFGP-1									
13		142-82-5	Heptane, N-			ug/m ³	825-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	1.3E-06	5.3E-02	NO	
	Indoor Air	NC	NC	NC	
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC	
	Soil Gas to Indoor Air	1.0E-07	4.2E-03	NO	
	Indoor Air	NC	NC	NC	
CONTAMINANT MIGRATION CALCULATORS					
Pathway	Source	Target Receptor Concentrations Exceeded?			
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC	
	Source Groundwater	Exceedence of 2L at Receptor?		NC	
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC	
	Source Groundwater	Exceedence of 2B at Receptor?		NC	
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.					

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/m³

CAS #	Chemical Name:	Soil Gas Concentration (ug/m ³)	Calculated Indoor Air Concentration (ug/m ³)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	22	0.66	-	-		
71-43-2	Benzene	3	0.09	3.6E-01	6.3E+00	2.5E-07	2.9E-03
106-99-0	Butadiene, 1,3-	3.4	0.102	9.4E-02	4.2E-01	1.1E-06	4.9E-02
142-82-5	Heptane, N-	13	0.39	-	8.3E+01		9.3E-04
Cumulative:						1.3E-06	5.3E-02

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/m³

CAS #	Chemical Name:	Soil Gas Concentration (ug/m ³)	Calculated Indoor Air Concentration (ug/m ³)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	22	0.22	-	-		
71-43-2	Benzene	3	0.03	1.6E+00	2.6E+01	1.9E-08	2.3E-04
106-99-0	Butadiene, 1,3-	3.4	0.034	4.1E-01	1.8E+00	8.3E-08	3.9E-03
142-82-5	Heptane, N-	13	0.13	-	3.5E+02		7.4E-05

Cumulative:	1.0E-07	4.2E-03
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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:	LGFP-2 Risk Assessment
Submittal Date:	1/26/2026
Prepared By:	Macy Courtney, Jennifer Petzold
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LGFP-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
50		67-64-1	Acetone			ug/m ³	823-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: LGFP-2 Risk Assessment				
DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	0.0E+00	0.0E+00	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	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.				

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/m³

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	50	1.5	-	-		

Cumulative:	0.0E+00	0.0E+00
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Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LGFP-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/m³

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	50	0.5	-	-		

Cumulative:	0.0E+00	0.0E+00
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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:	LGFP-3 Risk Assessment
Submittal Date:	1/26/2026
Prepared By:	Macy Courtney, Jennifer Petzold
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LGFP-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
25		67-64-1	Acetone			ug/m ³	LFGP-3									
9.5		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: LGFP-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	1.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.1E-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.				

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/m³

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	25	0.75	-	-		
67-63-0	Isopropanol	9.5	0.285	-	4.2E+01		1.4E-03

Cumulative:	0.0E+00	1.4E-03
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Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LGFP-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/m³

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	25	0.25	-	-		
67-63-0	Isopropanol	9.5	0.095	-	1.8E+02		1.1E-04

Cumulative:	0.0E+00	1.1E-04
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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:	1/26/2026
Prepared By:	Macy Courtney, Jennifer Petzold
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations

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
39		67-64-1	Acetone			ug/m ³	823-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	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.				

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/m³

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	39	1.17	-	-		

Cumulative:	0.0E+00	0.0E+00
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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/m³

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	39	0.39	-	-		

Cumulative:	0.0E+00	0.0E+00
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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:	1/26/2026
Prepared By:	Macy Courtney, Jennifer Petzold
	Madison Allen
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-5 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

The duplicate sample was taken from 823-LFGP-5. The higher concentration was input into the calculator.

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m ³)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
29		67-64-1	Acetone			ug/m ³	823-LFGP-DUP (5)									

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.				

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/m³

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	29	0.87	-	-		

Cumulative:	0.0E+00	0.0E+00
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Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-5 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m³

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	29	0.29	-	-		

Cumulative:	0.0E+00	0.0E+00
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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:	1/6/2025
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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	3.8E-02	NO
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC
	Source Groundwater	Exceedence of 2L at Receptor?		NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC
	Source Groundwater	Exceedence of 2B at Receptor?		NC
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	29.7	29.7				5.9E-04	4.4E-04	1.0E-03
7440-50-8	Copper	4.52	4.52				4.5E-04	2.4E-05	4.7E-04
7439-96-5	Manganese (Non-diet)	80	80				1.3E-02	1.7E-02	3.1E-02
7440-02-0	Nickel Soluble Salts	1.4	1.4				2.8E-04	7.3E-05	3.5E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	42	42						
7782-49-2	Selenium	2.38	2.38				1.9E-03	1.0E-04	2.0E-03
7440-62-2	Vanadium and Compounds	1.4	1.4				1.1E-03	2.2E-03	3.3E-03
7440-66-6	Zinc and Compounds	10.4	10.4				1.4E-04	4.4E-06	1.4E-04

Cumulative: 0.0E+00

3.8E-02

Exposure Point Concentrations

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
29.7		7440-39-3	Barium			ug/L	SW-1									
4.52	B	7440-50-8	Copper			ug/L	SW-1									
80		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
1.4	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
42	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-1									
2.38	JB^+	7782-49-2	Selenium			ug/L	SW-1									
1.4	J	7440-62-2	Vanadium and Compounds			ug/L	SW-1									
10.4		7440-66-6	Zinc and Compounds			ug/L	SW-1									

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:	1/6/2025
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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	2.6E-02	NO
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC
	Source Groundwater	Exceedence of 2L at Receptor?		NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC
	Source Groundwater	Exceedence of 2B at Receptor?		NC
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

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
7440-39-3	Barium	26	26				5.1E-04	3.9E-04	9.0E-04
105-60-2	Caprolactam	2.92	2.92				2.3E-05	1.8E-06	2.5E-05
7440-50-8	Copper	4.54	4.54				4.5E-04	2.4E-05	4.7E-04
7439-96-5	Manganese (Non-diet)	54.3	54.3				8.9E-03	1.2E-02	2.1E-02
7440-02-0	Nickel Soluble Salts	1.24	1.24				2.4E-04	6.5E-05	3.1E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	38	38						
7782-49-2	Selenium	4	4				3.2E-03	1.7E-04	3.3E-03
7440-62-2	Vanadium and Compounds	1.56	1.56				1.2E-03	2.5E-03	3.7E-03
7440-66-6	Zinc and Compounds	9.32	9.32				1.2E-04	3.9E-06	1.3E-04

Cumulative: 0.0E+00

3.0E-02

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-2 Risk Assessment

Input Form 2C

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
26		7440-39-3	Barium			ug/L	SW-2									
2.92	J	105-60-2	Caprolactam			ug/L	SW-2									
4.54	B	7440-50-8	Copper			ug/L	SW-2									
54.3		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
1.24	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
38	J F1	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-2									
4	JB^+	7782-49-2	Selenium			ug/L										
1.56	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
9.32	J	7440-66-6	Zinc and Compounds			ug/L	SW-2									

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:	1/6/2025
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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	2.5E-02	NO
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC
	Source Groundwater	Exceedence of 2L at Receptor?		NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC
	Source Groundwater	Exceedence of 2B at Receptor?		NC
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	26	26				5.1E-04	3.9E-04	9.0E-04
7440-50-8	Copper	4.7	4.7				4.6E-04	2.5E-05	4.9E-04
7439-96-5	Manganese (Non-diet)	40.1	40.1				6.6E-03	8.7E-03	1.5E-02
7440-02-0	Nickel Soluble Salts	1.2	1.2				2.4E-04	6.3E-05	3.0E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	43	43						
7782-49-2	Selenium	4.37	4.37				3.4E-03	1.8E-04	3.6E-03
7440-62-2	Vanadium and Compounds	1.65	1.65				1.3E-03	2.6E-03	3.9E-03
7440-66-6	Zinc and Compounds	9.6	9.6				1.3E-04	4.0E-06	1.3E-04
Cumulative:						0.0E+00	2.5E-02		

Exposure Point Concentrations

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:

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
26		7440-39-3	Barium			ug/L	SW-3									
4.7	B	7440-50-8	Copper			ug/L	SW-3									
40.1		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
1.2	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
43	J F1	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-3									
4.37	JB^+	7782-49-2	Selenium			ug/L	SW-3									
1.65	J	7440-62-2	Vanadium and Compounds			ug/L	SW-3									
9.6	J	7440-66-6	Zinc and Compounds			ug/L	SW-3									

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:	1/7/2025
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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	2.5E-02	NO
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC
	Source Groundwater	Exceedence of 2L at Receptor?		NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC
	Source Groundwater	Exceedence of 2B at Receptor?		NC
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	25.9	25.9				5.1E-04	3.9E-04	9.0E-04
7440-50-8	Copper	4.7	4.7				4.6E-04	2.5E-05	4.9E-04
7439-96-5	Manganese (Non-diet)	39.2	39.2				6.4E-03	8.5E-03	1.5E-02
7440-02-0	Nickel Soluble Salts	1.16	1.16				2.3E-04	6.1E-05	2.9E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	47	47						
7782-49-2	Selenium	4.04	4.04				3.2E-03	1.7E-04	3.4E-03
7440-62-2	Vanadium and Compounds	1.85	1.85				1.4E-03	3.0E-03	4.4E-03
7440-66-6	Zinc and Compounds	9.81	9.81				1.3E-04	4.1E-06	1.3E-04
Cumulative:						0.0E+00			2.5E-02

Exposure Point Concentrations

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:

Highest concentration between SW-4 and duplicate was input into the risk calculator.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
25.9		7440-39-3	Barium			ug/L	DUP (SW-4)									
4.7	B	7440-50-8	Copper			ug/L	DUP (SW-4)									
39.2		7439-96-5	Manganese (Non-diet)			ug/L	DUP (SW-4)									
1.16	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
47	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	DUP (SW-4)									
4.04	JB^+	7782-49-2	Selenium			ug/L	DUP (SW-4)									
1.85	J	7440-62-2	Vanadium and Compounds			ug/L	DUP (SW-4)									
9.81	J	7440-66-6	Zinc and Compounds			ug/L	DUP (SW-4)									

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:	1/7/2025
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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	3.7E-02	NO
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC
	Source Groundwater	Exceedence of 2L at Receptor?		NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC
	Source Groundwater	Exceedence of 2B at Receptor?		NC
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	25.7	25.7				5.1E-04	3.8E-04	8.9E-04
7440-43-9	Cadmium (Diet)	0.38	0.38				1.5E-02		1.5E-02
7440-50-8	Copper	4.35	4.35				4.3E-04	2.3E-05	4.5E-04
7439-96-5	Manganese (Non-diet)	43.2	43.2				7.1E-03	9.4E-03	1.7E-02
7440-02-0	Nickel Soluble Salts	1.49	1.49				2.9E-04	7.8E-05	3.7E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	35	35						
7440-62-2	Vanadium and Compounds	1.54	1.54				1.2E-03	2.5E-03	3.7E-03
7440-66-6	Zinc and Compounds	9.26	9.26				1.2E-04	3.9E-06	1.3E-04
Cumulative:						0.0E+00	3.7E-02		

Exposure Point Concentrations

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
25.7		7440-39-3	Barium			ug/L	SW-5									
0.38	J	7440-43-9	Cadmium (Diet)			ug/L	SW-5									
4.35	B	7440-50-8	Copper			ug/L	SW-5									
43.2		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
1.49	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
35	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-5									
1.54	J	7440-62-2	Vanadium and Compounds			ug/L	SW-5									
9.26	J	7440-66-6	Zinc and Compounds			ug/L	SW-5									

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:	1/7/2025
Prepared By:	Macy Courtney
Reviewed By:	Tom Raymond

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	3.3E-02	NO
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?		NC
	Source Groundwater	Exceedence of 2L at Receptor?		NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?		NC
	Source Groundwater	Exceedence of 2B at Receptor?		NC
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
7440-39-3	Barium	26.3	26.3				5.2E-04	3.9E-04	9.1E-04
7440-43-9	Cadmium (Diet)	0.39	0.39				1.5E-02		1.5E-02
7440-50-8	Copper	4.43	4.43				4.4E-04	2.3E-05	4.6E-04
7439-96-5	Manganese (Non-diet)	32.4	32.4				5.3E-03	7.1E-03	1.2E-02
7440-02-0	Nickel Soluble Salts	1.34	1.34				2.6E-04	7.0E-05	3.3E-04
E701177	Nitrate + Nitrite (measured as nitrogen)	30	30						
7440-62-2	Vanadium and Compounds	1.49	1.49				1.2E-03	2.4E-03	3.5E-03
7440-66-6	Zinc and Compounds	9.73	9.73				1.3E-04	4.1E-06	1.3E-04
Cumulative:						0.0E+00	3.3E-02		

Exposure Point Concentrations

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
26.3		7440-39-3	Barium			ug/L	SW-6									
0.39	J	7440-43-9	Cadmium (Diet)			ug/L	SW-6									
4.43	B	7440-50-8	Copper			ug/L	SW-6									
32.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
1.34	J	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
30	J	E701177	Nitrate + Nitrite (measured as nitrogen)			ug/L	SW-6									
1.49	J	7440-62-2	Vanadium and Compounds			ug/L	SW-6									
9.73	J	7440-66-6	Zinc and Compounds			ug/L	SW-6									

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 Avenue
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	1/23/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

Input Form 2A

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	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
0.0174	J	67-64-1	Acetone			mg/kg	SED-2									
0.319	J B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
12.4	B	7440-39-3	Barium			mg/kg	SED-4									
0.053	J B	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.137	J	18540-29-9	Chromium(VI)			mg/kg	SED-4									
2.42		7440-48-4	Cobalt			mg/kg	SED-4									
2.47	B	7440-50-8	Copper			mg/kg	SED-5									
3.96		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
82.3	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
4.49	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
2.76	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.055	J	205-99-2	~Benz[e]fluoranthene			mg/kg	SED-5									
0.0788	J *+	206-44-0	~Fluoranthene			mg/kg	SED-5									
0.0693	J *+	129-00-0	~Pyrene			mg/kg	SED-5									
0.451	J B	7782-49-2	Selenium			mg/kg	SED-6									
0.161	J B	7440-22-4	Silver			mg/kg	SED-DUP									
12.1	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
14.6	B	7440-66-6	Zinc and Compounds			mg/kg	SED-5									

North Carolina DEQ Risk Calculator

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	6.6E-07	2.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.2E-07	1.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.8E-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.				

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	0.0174	0.0174	0.0174					2.5E-07			2.5E-07
7440-38-2	Arsenic, Inorganic	0.319	0.319	0.319	4.1E-07	5.8E-08	8.2E-12	4.7E-07	8.2E-03	9.7E-04	3.4E-07	9.1E-03
7440-39-3	Barium	12.4	12.4	12.4					7.9E-04		4.0E-07	7.9E-04
7440-41-7	Beryllium and compounds	0.053	0.053	0.053			7.6E-13	7.6E-13	3.4E-04		4.3E-08	3.4E-04
18540-29-9	Chromium(VI)	0.137	0.137	0.137	1.4E-07		2.5E-11	1.4E-07	1.9E-03		7.4E-08	1.9E-03
7440-48-4	Cobalt	2.42	2.42	2.42			1.3E-10	1.3E-10	1.0E-01		6.5E-06	1.0E-01
7440-50-8	Copper	2.47	2.47	2.47					7.9E-04			7.9E-04
7439-92-1	~Lead and Compounds	3.96	3.96	3.96					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	82.3	82.3	82.3					4.4E-02		2.7E-05	4.4E-02
7440-02-0	Nickel Soluble Salts	4.49	4.49	4.49			7.0E-12	7.0E-12	2.9E-03		7.3E-06	2.9E-03
14797-55-8	Nitrate (measured as nitrogen)	2.76	2.76	2.76					2.2E-05			2.2E-05
205-99-2	~Benzo[b]fluoranthene	0.055	0.055	0.055	3.6E-08	1.2E-08	5.5E-14	4.8E-08				
206-44-0	~Fluoranthene	0.0788	0.0788	0.0788					2.5E-05	7.8E-06		3.3E-05
129-00-0	~Pyrene	0.0693	0.0693	0.0693					3.0E-05	9.1E-06		3.9E-05
7782-49-2	Selenium	0.451	0.451	0.451					1.2E-03		3.6E-10	1.2E-03
7440-22-4	Silver	0.161	0.161	0.161					4.1E-04			4.1E-04
7440-62-2	Vanadium and Compounds	12.1	12.1	12.1					3.1E-02		2.0E-06	3.1E-02
7440-66-6	Zinc and Compounds	14.6	14.6	14.6					6.2E-04			6.2E-04

Cumulative:

6.6E-07

2.0E-01

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	0.0174	0.0174	0.0174					1.7E-08			1.7E-08
7440-38-2	Arsenic, Inorganic	0.319	0.319	0.319	8.8E-08	1.9E-08	1.9E-12	1.1E-07	5.5E-04	1.2E-04	8.2E-08	6.6E-04
7440-39-3	Barium	12.4	12.4	12.4					5.3E-05		9.5E-08	5.3E-05
7440-41-7	Beryllium and compounds	0.053	0.053	0.053			1.7E-13	1.7E-13	2.3E-05		1.0E-08	2.3E-05
18540-29-9	Chromium(VI)	0.137	0.137	0.137	6.7E-09		2.1E-12	6.7E-09	1.3E-04		1.8E-08	1.3E-04
7440-48-4	Cobalt	2.42	2.42	2.42			3.0E-11	3.0E-11	6.9E-03		1.6E-06	6.9E-03
7440-50-8	Copper	2.47	2.47	2.47					5.3E-05			5.3E-05
7439-92-1	~Lead and Compounds	3.96	3.96	3.96					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	82.3	82.3	82.3					2.9E-03		6.3E-06	2.9E-03
7440-02-0	Nickel Soluble Salts	4.49	4.49	4.49			1.6E-12	1.6E-12	1.9E-04		1.7E-06	1.9E-04
14797-55-8	Nitrate (measured as nitrogen)	2.76	2.76	2.76					1.5E-06			1.5E-06
205-99-2	~Benzo[b]fluoranthene	0.055	0.055	0.055	1.7E-09	9.3E-10	4.5E-15	2.6E-09				
206-44-0	~Fluoranthene	0.0788	0.0788	0.0788					1.7E-06	9.3E-07		2.6E-06
129-00-0	~Pyrene	0.0693	0.0693	0.0693					2.0E-06	1.1E-06		3.1E-06
7782-49-2	Selenium	0.451	0.451	0.451					7.7E-05		8.7E-11	7.7E-05
7440-22-4	Silver	0.161	0.161	0.161					2.8E-05			2.8E-05
7440-62-2	Vanadium and Compounds	12.1	12.1	12.1					2.1E-03		4.7E-07	2.1E-03
7440-66-6	Zinc and Compounds	14.6	14.6	14.6					4.2E-05			4.2E-05

Cumulative:

1.2E-07

1.3E-02

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	0.0174	0.0174	0.0174					1.1E-07			1.1E-07
7440-38-2	Arsenic, Inorganic	0.319	0.319	0.319	1.8E-07	2.5E-08	2.9E-13	2.0E-07	3.5E-03	4.1E-04	1.2E-08	3.9E-03
7440-39-3	Barium	12.4	12.4	12.4					3.4E-04		1.4E-08	3.4E-04
7440-41-7	Beryllium and compounds	0.053	0.053	0.053			2.7E-14	2.7E-14	1.5E-04		1.5E-09	1.5E-04
18540-29-9	Chromium(VI)	0.137	0.137	0.137	6.1E-08		8.9E-13	6.1E-08	8.3E-04		2.6E-09	8.3E-04
7440-48-4	Cobalt	2.42	2.42	2.42			4.7E-12	4.7E-12	4.4E-02		2.3E-07	4.4E-02
7440-50-8	Copper	2.47	2.47	2.47					3.4E-04			3.4E-04
7439-92-1	~Lead and Compounds	3.96	3.96	3.96					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	82.3	82.3	82.3					1.9E-02		9.5E-07	1.9E-02
7440-02-0	Nickel Soluble Salts	4.49	4.49	4.49			2.5E-13	2.5E-13	1.2E-03		2.6E-07	1.2E-03
14797-55-8	Nitrate (measured as nitrogen)	2.76	2.76	2.76					9.5E-06			9.5E-06
205-99-2	~Benzo[b]fluoranthene	0.055	0.055	0.055	1.5E-08	5.1E-09	2.0E-15	2.1E-08				
206-44-0	~Fluoranthene	0.0788	0.0788	0.0788					1.1E-05	3.3E-06		1.4E-05
129-00-0	~Pyrene	0.0693	0.0693	0.0693					1.3E-05	3.9E-06		1.7E-05
7782-49-2	Selenium	0.451	0.451	0.451					4.9E-04		1.3E-11	4.9E-04
7440-22-4	Silver	0.161	0.161	0.161					1.8E-04			1.8E-04
7440-62-2	Vanadium and Compounds	12.1	12.1	12.1					1.3E-02		7.0E-08	1.3E-02
7440-66-6	Zinc and Compounds	14.6	14.6	14.6					2.7E-04			2.7E-04
Cumulative:								2.8E-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 Avenue
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	1/23/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

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	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
0.147		67-64-1	Acetone			mg/kg	SED-2									
0.905	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
34.7	B	7440-39-3	Barium			mg/kg	SED-2									
0.0515	J	100-52-7	Benzaldehyde			mg/kg	SED-2									
0.166	J	7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.00374	J	74-83-9	Bromomethane			mg/kg	SED-2									
0.299	J	18540-29-9	Chromium(VI)			mg/kg										
5.06		7440-48-4	Cobalt			mg/kg	SED-2									
8.44	B	7440-50-8	Copper			mg/kg	SED-2									
10.9		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
212	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
0.0214	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-2									
0.00927	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-2									
7.78	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
4.98		14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.0519	J	120-12-7	~Anthracene			mg/kg	SED-2									
0.487		56-55-3	~Benz[a]anthracene			mg/kg	SED-2									
0.601		50-32-8	~Benzof[a]pyrene			mg/kg	SED-2									
0.937		205-99-2	~Benzof[b]fluoranthene			mg/kg	SED-2									
0.349	J	207-08-9	~Benzof[k]fluoranthene			mg/kg	SED-2									
0.661		218-01-9	~Chrysene			mg/kg	SED-2									
0.113	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-2									
1.17		206-44-0	~Fluoranthene			mg/kg	SED-2									
0.505		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-2									
0.958		129-00-0	~Pyrene			mg/kg	SED-2									
0.464	J B	7782-49-2	Selenium			mg/kg	SED-2									
0.343	B	7440-22-4	Silver			mg/kg	SED-2									
16.1	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
34.9	B	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	9.6E-06	4.5E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	7.5E-07	3.1E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	4.1E-06	1.9E-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.				

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	0.147	0.147	0.147					2.1E-06			2.1E-06
7440-38-2	Arsenic, Inorganic	0.905	0.905	0.905	1.2E-06	1.6E-07	2.3E-11	1.3E-06	2.3E-02	2.7E-03	9.8E-07	2.6E-02
7440-39-3	Barium	34.7	34.7	34.7					2.2E-03		1.1E-06	2.2E-03
100-52-7	Benzaldehyde	0.0515	0.0515	0.0515	3.0E-10			3.0E-10	6.6E-06			6.6E-06
7440-41-7	Beryllium and compounds	0.166	0.166	0.166			2.4E-12	2.4E-12	1.1E-03		1.3E-07	1.1E-03
74-83-9	Bromomethane	0.00374	0.00374	0.00374					3.4E-05		2.3E-04	2.6E-04
18540-29-9	Chromium(VI)	0.299	0.299	0.299	3.1E-07		5.5E-11	3.1E-07	4.2E-03		1.6E-07	4.2E-03
7440-48-4	Cobalt	5.06	5.06	5.06			2.7E-10	2.7E-10	2.2E-01		1.4E-05	2.2E-01
7440-50-8	Copper	8.44	8.44	8.44					2.7E-03			2.7E-03
7439-92-1	~Lead and Compounds	10.9	10.9	10.9					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	212	212	212					1.1E-01		6.9E-05	1.1E-01
7439-97-6	~Mercury (elemental)	0.0214	0.0214	0.0214							2.8E-03	2.8E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00927	0.00927	0.00927					2.0E-07		1.4E-07	3.3E-07
7440-02-0	Nickel Soluble Salts	7.78	7.78	7.78			1.2E-11	1.2E-11	5.0E-03		1.3E-05	5.0E-03
14797-55-8	Nitrate (measured as nitrogen)	4.98	4.98	4.98					4.0E-05			4.0E-05
120-12-7	~Anthracene	0.0519	0.0519	0.0519					2.2E-06	6.8E-07		2.9E-06
56-55-3	~Benz[a]anthracene	0.487	0.487	0.487	3.2E-07	1.1E-07	6.1E-09	4.3E-07				
50-32-8	~Benzo[a]pyrene	0.601	0.601	0.601	3.9E-06	1.3E-06	6.0E-12	5.2E-06	2.6E-02	7.9E-03	4.9E-06	3.4E-02
205-99-2	~Benzo[b]fluoranthene	0.937	0.937	0.937	6.1E-07	2.0E-07	9.3E-13	8.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.349	0.349	0.349	2.3E-08	7.6E-09	3.5E-14	3.0E-08				
218-01-9	~Chrysene	0.661	0.661	0.661	4.3E-09	1.4E-09	6.6E-15	5.8E-09				
53-70-3	~Dibenz[a,h]anthracene	0.113	0.113	0.113	7.4E-07	2.5E-07	1.1E-12	9.8E-07				
206-44-0	~Fluoranthene	1.17	1.17	1.17					3.7E-04	1.2E-04		4.9E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.505	0.505	0.505	3.3E-07	1.1E-07	5.0E-13	4.4E-07				
129-00-0	~Pyrene	0.958	0.958	0.958					4.1E-04	1.3E-04		5.3E-04
7782-49-2	Selenium	0.464	0.464	0.464					1.2E-03		3.7E-10	1.2E-03
7440-22-4	Silver	0.343	0.343	0.343					8.8E-04			8.8E-04
7440-62-2	Vanadium and Compounds	16.1	16.1	16.1					4.1E-02		2.6E-06	4.1E-02
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					1.5E-03			1.5E-03

Cumulative:

9.6E-06

4.5E-01

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	0.147	0.147	0.147					1.4E-07			1.4E-07
7440-38-2	Arsenic, Inorganic	0.905	0.905	0.905	2.5E-07	5.3E-08	5.3E-12	3.0E-07	1.5E-03	3.3E-04	2.3E-07	1.9E-03
7440-39-3	Barium	34.7	34.7	34.7					1.5E-04		2.7E-07	1.5E-04
100-52-7	Benzaldehyde	0.0515	0.0515	0.0515	6.3E-11			6.3E-11	4.4E-07			4.4E-07
7440-41-7	Beryllium and compounds	0.166	0.166	0.166			5.5E-13	5.5E-13	7.1E-05		3.2E-08	7.1E-05
74-83-9	Bromomethane	0.00374	0.00374	0.00374					2.3E-06		5.4E-05	5.7E-05
18540-29-9	Chromium(VI)	0.299	0.299	0.299	1.5E-08		4.5E-12	1.5E-08	2.8E-04		3.8E-08	2.8E-04
7440-48-4	Cobalt	5.06	5.06	5.06			6.3E-11	6.3E-11	1.4E-02		3.2E-06	1.4E-02
7440-50-8	Copper	8.44	8.44	8.44					1.8E-04			1.8E-04
7439-92-1	~Lead and Compounds	10.9	10.9	10.9					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	212	212	212					7.6E-03		1.6E-05	7.6E-03
7439-97-6	~Mercury (elemental)	0.0214	0.0214	0.0214							6.7E-04	6.7E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00927	0.00927	0.00927					1.3E-08		3.3E-08	4.6E-08
7440-02-0	Nickel Soluble Salts	7.78	7.78	7.78			2.8E-12	2.8E-12	3.3E-04		3.0E-06	3.4E-04
14797-55-8	Nitrate (measured as nitrogen)	4.98	4.98	4.98					2.7E-06			2.7E-06
120-12-7	~Anthracene	0.0519	0.0519	0.0519					1.5E-07	8.1E-08		2.3E-07
56-55-3	~Benz[a]anthracene	0.487	0.487	0.487	1.5E-08	8.2E-09	5.1E-10	2.4E-08				
50-32-8	~Benzof[a]pyrene	0.601	0.601	0.601	1.8E-07	1.0E-07	5.0E-13	2.8E-07	1.7E-03	9.4E-04	1.2E-06	2.7E-03
205-99-2	~Benzof[b]fluoranthene	0.937	0.937	0.937	2.9E-08	1.6E-08	7.7E-14	4.4E-08				
207-08-9	~Benzof[k]fluoranthene	0.349	0.349	0.349	1.1E-09	5.9E-10	2.9E-15	1.7E-09				
218-01-9	~Chrysene	0.661	0.661	0.661	2.0E-10	1.1E-10	5.5E-16	3.1E-10				
53-70-3	~Dibenz[a,h]anthracene	0.113	0.113	0.113	3.5E-08	1.9E-08	9.3E-14	5.4E-08				
206-44-0	~Fluoranthene	1.17	1.17	1.17					2.5E-05	1.4E-05		3.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.505	0.505	0.505	1.5E-08	8.5E-09	4.2E-14	2.4E-08				
129-00-0	~Pyrene	0.958	0.958	0.958					2.7E-05	1.5E-05		4.2E-05
7782-49-2	Selenium	0.464	0.464	0.464					7.9E-05		8.9E-11	7.9E-05
7440-22-4	Silver	0.343	0.343	0.343					5.9E-05			5.9E-05
7440-62-2	Vanadium and Compounds	16.1	16.1	16.1					2.7E-03		6.2E-07	2.7E-03
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					1.0E-04			1.0E-04

Cumulative:

7.5E-07

3.1E-02

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	0.147	0.147	0.147					8.9E-07			8.9E-07
7440-38-2	Arsenic, Inorganic	0.905	0.905	0.905	5.0E-07	7.1E-08	8.3E-13	5.7E-07	9.9E-03	1.2E-03	3.5E-08	1.1E-02
7440-39-3	Barium	34.7	34.7	34.7					9.5E-04		4.0E-08	9.5E-04
100-52-7	Benzaldehyde	0.0515	0.0515	0.0515	1.3E-10			1.3E-10	2.8E-06			2.8E-06
7440-41-7	Beryllium and compounds	0.166	0.166	0.166			8.5E-14	8.5E-14	4.5E-04		4.8E-09	4.5E-04
74-83-9	Bromomethane	0.00374	0.00374	0.00374					1.5E-05		8.2E-06	2.3E-05
18540-29-9	Chromium(VI)	0.299	0.299	0.299	1.3E-07		2.0E-12	1.3E-07	1.8E-03		5.8E-09	1.8E-03
7440-48-4	Cobalt	5.06	5.06	5.06			9.8E-12	9.8E-12	9.2E-02		4.9E-07	9.2E-02
7440-50-8	Copper	8.44	8.44	8.44					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	10.9	10.9	10.9					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	212	212	212					4.8E-02		2.4E-06	4.8E-02
7439-97-6	~Mercury (elemental)	0.0214	0.0214	0.0214								1.0E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00927	0.00927	0.00927					8.5E-08		4.9E-09	9.0E-08
7440-02-0	Nickel Soluble Salts	7.78	7.78	7.78			4.3E-13	4.3E-13	2.1E-03		4.5E-07	2.1E-03
14797-55-8	Nitrate (measured as nitrogen)	4.98	4.98	4.98					1.7E-05			1.7E-05
120-12-7	~Anthracene	0.0519	0.0519	0.0519					9.5E-07	2.9E-07		1.2E-06
56-55-3	~Benzo[a]anthracene	0.487	0.487	0.487	1.4E-07	4.5E-08	2.2E-10	1.8E-07				
50-32-8	~Benzo[a]pyrene	0.601	0.601	0.601	1.7E-06	5.6E-07	2.1E-13	2.2E-06	1.1E-02	3.4E-03	1.7E-07	1.4E-02
205-99-2	~Benzo[b]fluoranthene	0.937	0.937	0.937	2.6E-07	8.8E-08	3.3E-14	3.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.349	0.349	0.349	9.8E-09	3.3E-09	1.2E-15	1.3E-08				
218-01-9	~Chrysene	0.661	0.661	0.661	1.8E-09	6.2E-10	2.4E-16	2.5E-09				
53-70-3	~Dibenz[a,h]anthracene	0.113	0.113	0.113	3.2E-07	1.1E-07	4.0E-14	4.2E-07				
206-44-0	~Fluoranthene	1.17	1.17	1.17					1.6E-04	4.9E-05		2.1E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.505	0.505	0.505	1.4E-07	4.7E-08	1.8E-14	1.9E-07				
129-00-0	~Pyrene	0.958	0.958	0.958					1.7E-04	5.4E-05		2.3E-04
7782-49-2	Selenium	0.464	0.464	0.464					5.1E-04		1.3E-11	5.1E-04
7440-22-4	Silver	0.343	0.343	0.343					3.8E-04			3.8E-04
7440-62-2	Vanadium and Compounds	16.1	16.1	16.1					1.8E-02		9.3E-08	1.8E-02
7440-66-6	Zinc and Compounds	34.9	34.9	34.9					6.4E-04			6.4E-04

Cumulative:

4.1E-06

1.9E-01

North Carolina Department of Environmental Quality Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Avenue
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	1/24/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

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
0.0895		67-64-1	Acetone			mg/kg	SED-5									
0.716	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
23.6	B	7440-39-3	Barium			mg/kg	SED-4									
0.107	J	7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.686	J	18540-29-9	Chromium(VI)			mg/kg	SED-4									
3.88		7440-48-4	Cobalt			mg/kg	SED-4									
5.69	B	7440-50-8	Copper			mg/kg	SED-3									
7.24		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
123	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
0.00869	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-5									
6.21	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
1.99	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.0555	J	120-12-7	~Anthracene			mg/kg	SED-5									
0.336	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-5									
0.455		50-32-8	~Benzo[a]pyrene			mg/kg	SED-5									
0.731		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.259	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-5									
0.529		218-01-9	~Chrysene			mg/kg	SED-5									
0.0882	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-5									
0.944		206-44-0	~Fluoranthene			mg/kg	SED-5									
0.413		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-5									
0.77		129-00-0	~Pyrene			mg/kg	SED-5									
0.556	J B	7782-49-2	Selenium			mg/kg	SED-6									
0.158	B	7440-22-4	Silver			mg/kg	SED-6									
13	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
25.8	B	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-3 Risk Assessment				
DIRECT CONTACT SOIL AND WATER CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	7.8E-06	3.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	6.0E-07	2.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	3.4E-06	1.4E-01	NO
	Surface Water*	NC	NC	NC
VAPOR INTRUSION CALCULATORS				
Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
CONTAMINANT MIGRATION CALCULATORS				
Pathway	Source	Target Receptor Concentrations Exceeded?		
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC	
	Source Groundwater	Exceedence of 2L at Receptor?	NC	
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC	
	Source Groundwater	Exceedence of 2B at Receptor?	NC	
Notes: 1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations. 2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure. 3. NM = Not modeled, required contaminant migration parameters were not entered. 4. NC = Pathway not calculated, user did not check this pathway as complete.				

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	0.0895	0.0895	0.0895					1.3E-06			1.3E-06
7440-38-2	Arsenic, Inorganic	0.716	0.716	0.716	9.3E-07	1.3E-07	1.8E-11	1.1E-06	1.8E-02	2.2E-03	7.7E-07	2.0E-02
7440-39-3	Barium	23.6	23.6	23.6					1.5E-03		7.6E-07	1.5E-03
7440-41-7	Beryllium and compounds	0.107	0.107	0.107			1.5E-12	1.5E-12	6.8E-04		8.6E-08	6.8E-04
18540-29-9	Chromium(VI)	0.686	0.686	0.686	7.2E-07				7.2E-07		3.7E-07	9.7E-03
7440-48-4	Cobalt	3.88	3.88	3.88			2.1E-10	2.1E-10	1.7E-01		1.0E-05	1.7E-01
7440-50-8	Copper	5.69	5.69	5.69					1.8E-03			1.8E-03
7439-92-1	~Lead and Compounds	7.24	7.24	7.24					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	123	123	123					6.6E-02		4.0E-05	6.6E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00869	0.00869	0.00869					1.9E-07		1.3E-07	3.1E-07
7440-02-0	Nickel Soluble Salts	6.21	6.21	6.21			9.7E-12	9.7E-12	4.0E-03		1.0E-05	4.0E-03
14797-55-8	Nitrate (measured as nitrogen)	1.99	1.99	1.99					1.6E-05			1.6E-05
120-12-7	~Anthracene	0.0555	0.0555	0.0555					2.4E-06	7.3E-07		3.1E-06
56-55-3	~Benz[a]anthracene	0.336	0.336	0.336	2.2E-07	7.3E-08	4.2E-09	3.0E-07				
50-32-8	~Benzo[a]pyrene	0.455	0.455	0.455	3.0E-06	9.9E-07	4.5E-12	4.0E-06	1.9E-02	6.0E-03	3.7E-06	2.5E-02
205-99-2	~Benzo[b]fluoranthene	0.731	0.731	0.731	4.8E-07	1.6E-07	7.3E-13	6.4E-07				
207-08-9	~Benzo[k]fluoranthene	0.259	0.259	0.259	1.7E-08	5.6E-09	2.6E-14	2.3E-08				
218-01-9	~Chrysene	0.529	0.529	0.529	3.5E-09	1.2E-09	5.3E-15	4.6E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0882	0.0882	0.0882	5.8E-07	1.9E-07	8.8E-13	7.7E-07				
206-44-0	~Fluoranthene	0.944	0.944	0.944					3.0E-04	9.3E-05		3.9E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.413	0.413	0.413	2.7E-07	9.0E-08	4.1E-13	3.6E-07				
129-00-0	~Pyrene	0.77	0.77	0.77					3.3E-04	1.0E-04		4.3E-04
7782-49-2	Selenium	0.556	0.556	0.556					1.4E-03		4.5E-10	1.4E-03
7440-22-4	Silver	0.158	0.158	0.158					4.0E-04			4.0E-04
7440-62-2	Vanadium and Compounds	13	13	13					3.3E-02		2.1E-06	3.3E-02
7440-66-6	Zinc and Compounds	25.8	25.8	25.8					1.1E-03			1.1E-03

Cumulative:

7.8E-06

3.3E-01

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	0.0895	0.0895	0.0895					8.5E-08			8.5E-08
7440-38-2	Arsenic, Inorganic	0.716	0.716	0.716	2.0E-07	4.2E-08	4.2E-12	2.4E-07	1.2E-03	2.6E-04	1.8E-07	1.5E-03
7440-39-3	Barium	23.6	23.6	23.6					1.0E-04		1.8E-07	1.0E-04
7440-41-7	Beryllium and compounds	0.107	0.107	0.107			3.5E-13	3.5E-13	4.6E-05		2.1E-08	4.6E-05
18540-29-9	Chromium(VI)	0.686	0.686	0.686	3.4E-08		1.0E-11	3.4E-08	6.5E-04		8.8E-08	6.5E-04
7440-48-4	Cobalt	3.88	3.88	3.88			4.8E-11	4.8E-11	1.1E-02		2.5E-06	1.1E-02
7440-50-8	Copper	5.69	5.69	5.69					1.2E-04			1.2E-04
7439-92-1	~Lead and Compounds	7.24	7.24	7.24					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	123	123	123					4.4E-03		9.5E-06	4.4E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00869	0.00869	0.00869					1.2E-08		3.1E-08	4.3E-08
7440-02-0	Nickel Soluble Salts	6.21	6.21	6.21			2.2E-12	2.2E-12	2.7E-04		2.4E-06	2.7E-04
14797-55-8	Nitrate (measured as nitrogen)	1.99	1.99	1.99					1.1E-06			1.1E-06
120-12-7	~Anthracene	0.0555	0.0555	0.0555					1.6E-07	8.7E-08		2.5E-07
56-55-3	~Benz[a]anthracene	0.336	0.336	0.336	1.0E-08	5.7E-09	3.5E-10	1.6E-08				
50-32-8	~Benzo[a]pyrene	0.455	0.455	0.455	1.4E-07	7.7E-08	3.8E-13	2.2E-07	1.3E-03	7.1E-04	8.8E-07	2.0E-03
205-99-2	~Benzo[b]fluoranthene	0.731	0.731	0.731	2.2E-08	1.2E-08	6.0E-14	3.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.259	0.259	0.259	7.9E-10	4.4E-10	2.1E-15	1.2E-09				
218-01-9	~Chrysene	0.529	0.529	0.529	1.6E-10	8.9E-11	4.4E-16	2.5E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0882	0.0882	0.0882	2.7E-08	1.5E-08	7.3E-14	4.2E-08				
206-44-0	~Fluoranthene	0.944	0.944	0.944					2.0E-05	1.1E-05		3.1E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.413	0.413	0.413	1.3E-08	6.9E-09	3.4E-14	2.0E-08				
129-00-0	~Pyrene	0.77	0.77	0.77					2.2E-05	1.2E-05		3.4E-05
7782-49-2	Selenium	0.556	0.556	0.556					9.5E-05		1.1E-10	9.5E-05
7440-22-4	Silver	0.158	0.158	0.158					2.7E-05			2.7E-05
7440-62-2	Vanadium and Compounds	13	13	13					2.2E-03		5.0E-07	2.2E-03
7440-66-6	Zinc and Compounds	25.8	25.8	25.8					7.4E-05			7.4E-05

Cumulative:

6.0E-07

2.3E-02

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	0.0895	0.0895	0.0895					5.4E-07			5.4E-07
7440-38-2	Arsenic, Inorganic	0.716	0.716	0.716	4.0E-07	5.6E-08	6.6E-13	4.5E-07	7.8E-03	9.3E-04	2.8E-08	8.8E-03
7440-39-3	Barium	23.6	23.6	23.6					6.5E-04		2.7E-08	6.5E-04
7440-41-7	Beryllium and compounds	0.107	0.107	0.107			5.5E-14	5.5E-14	2.9E-04		3.1E-09	2.9E-04
18540-29-9	Chromium(VI)	0.686	0.686	0.686	3.1E-07		4.5E-12	3.1E-07	4.2E-03		1.3E-08	4.2E-03
7440-48-4	Cobalt	3.88	3.88	3.88			7.5E-12	7.5E-12	7.1E-02		3.7E-07	7.1E-02
7440-50-8	Copper	5.69	5.69	5.69					7.8E-04			7.8E-04
7439-92-1	~Lead and Compounds	7.24	7.24	7.24					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	123	123	123					2.8E-02		1.4E-06	2.8E-02
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.00869	0.00869	0.00869					7.9E-08		4.6E-09	8.4E-08
7440-02-0	Nickel Soluble Salts	6.21	6.21	6.21			3.5E-13	3.5E-13	1.7E-03		3.6E-07	1.7E-03
14797-55-8	Nitrate (measured as nitrogen)	1.99	1.99	1.99					6.8E-06			6.8E-06
120-12-7	~Anthracene	0.0555	0.0555	0.0555					1.0E-06	3.1E-07		1.3E-06
56-55-3	~Benz[a]anthracene	0.336	0.336	0.336	9.4E-08	3.1E-08	1.5E-10	1.3E-07				
50-32-8	~Benzo[a]pyrene	0.455	0.455	0.455	1.3E-06	4.2E-07	1.6E-13	1.7E-06	8.3E-03	2.6E-03	1.3E-07	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.731	0.731	0.731	2.0E-07	6.8E-08	2.6E-14	2.7E-07				
207-08-9	~Benzo[k]fluoranthene	0.259	0.259	0.259	7.2E-09	2.4E-09	9.2E-16	9.7E-09				
218-01-9	~Chrysene	0.529	0.529	0.529	1.5E-09	4.9E-10	1.9E-16	2.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0882	0.0882	0.0882	2.5E-07	8.2E-08	3.1E-14	3.3E-07				
206-44-0	~Fluoranthene	0.944	0.944	0.944					1.3E-04	4.0E-05		1.7E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.413	0.413	0.413	1.2E-07	3.9E-08	1.5E-14	1.5E-07				
129-00-0	~Pyrene	0.77	0.77	0.77					1.4E-04	4.3E-05		1.8E-04
7782-49-2	Selenium	0.556	0.556	0.556					6.1E-04		1.6E-11	6.1E-04
7440-22-4	Silver	0.158	0.158	0.158					1.7E-04			1.7E-04
7440-62-2	Vanadium and Compounds	13	13	13					1.4E-02		7.5E-08	1.4E-02
7440-66-6	Zinc and Compounds	25.8	25.8	25.8					4.7E-04			4.7E-04

Cumulative:

3.4E-06

1.4E-01

North Carolina Department of Environmental Quality Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Avenue
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-4 Risk Assessment
Submittal Date:	1/24/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

Soil Exposure Point Concentration Table																
Description of Exposure Point Concentration Selection:																
Between SED-4 and SED-4 (DUP), the highest concentration was taken.																
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	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
0.103		67-64-1	Acetone			mg/kg	SED-4									
1.35	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-4 (DUP)									
104	B	7440-39-3	Barium			mg/kg	SED-4									
0.463		7440-41-7	Beryllium and compounds			mg/kg	SED-4									
0.1	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-4 (DUP)									
0.896	J	18540-29-9	Chromium(VI)			mg/kg	SED-5									
8.38		7440-48-4	Cobalt			mg/kg	SED-4									
13.4	B	7440-50-8	Copper			mg/kg	SED-4 (DUP)									
19.2		7439-92-1	~Lead and Compounds			mg/kg	SED-4 (DUP)									
583	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-4									
0.0292	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-4 (DUP)									
0.0099	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-4									
10.1	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-4 (DUP)									
2.64	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4 (DUP)									
0.0717	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-4 (DUP)									
0.0959	J	50-32-8	~Benzol[a]pyrene			mg/kg	SED-4 (DUP)									
0.167	J	205-99-2	~Benzol[b]fluoranthene			mg/kg	SED-4 (DUP)									
0.0574	J	207-08-9	~Benzol[k]fluoranthene			mg/kg	SED-4 (DUP)									
0.123	J	218-01-9	~Chrysene			mg/kg	SED-4 (DUP)									
0.221	J	206-44-0	~Fluoranthene			mg/kg	SED-4 (DUP)									
0.0887	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-4 (DUP)									
0.179	J	129-00-0	~Pyrene			mg/kg	SED-4 (DUP)									
0.523	J B	7782-49-2	Selenium			mg/kg	SED-4 (DUP)									
0.447	B	7440-22-4	Silver			mg/kg	SED-4 (DUP)									
0.0838	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-4									
26.1	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-4									
60.9	B	7440-66-6	Zinc and Compounds			mg/kg	SED-4 (DUP)									

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	4.1E-06	9.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	5.6E-07	6.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.7E-06	4.0E-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.				

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	0.103	0.103	0.103					1.5E-06			1.5E-06
7440-38-2	Arsenic, Inorganic	1.35	1.35	1.35	1.7E-06	2.5E-07	3.5E-11	2.0E-06	3.5E-02	4.1E-03	1.5E-06	3.9E-02
7440-39-3	Barium	104	104	104					6.6E-03		3.4E-06	6.7E-03
7440-41-7	Beryllium and compounds	0.463	0.463	0.463			6.7E-12	6.7E-12	3.0E-03		3.7E-07	3.0E-03
7440-43-9	Cadmium (Diet)	0.1	0.1	0.1			1.1E-12	1.1E-12	1.3E-02	1.2E-03	1.6E-07	1.4E-02
18540-29-9	Chromium(VI)	0.896	0.896	0.896	9.4E-07		1.6E-10	9.4E-07	1.3E-02		4.8E-07	1.3E-02
7440-48-4	Cobalt	8.38	8.38	8.38			4.5E-10	4.5E-10	3.6E-01		2.3E-05	3.6E-01
7440-50-8	Copper	13.4	13.4	13.4					4.3E-03			4.3E-03
7439-92-1	~Lead and Compounds	19.2	19.2	19.2					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	583	583	583					3.1E-01		1.9E-04	3.1E-01
7439-97-6	~Mercury (elemental)	0.0292	0.0292	0.0292							3.9E-03	3.9E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0099	0.0099	0.0099					2.1E-07		1.5E-07	3.6E-07
7440-02-0	Nickel Soluble Salts	10.1	10.1	10.1			1.6E-11	1.6E-11	6.5E-03		1.6E-05	6.5E-03
14797-55-8	Nitrate (measured as nitrogen)	2.64	2.64	2.64					2.1E-05			2.1E-05
56-55-3	~Benz[a]anthracene	0.0717	0.0717	0.0717	4.7E-08	1.6E-08	9.0E-10	6.3E-08				
50-32-8	~Benzo[a]pyrene	0.0959	0.0959	0.0959	6.3E-07	2.1E-07	9.6E-13	8.4E-07	4.1E-03	1.3E-03	7.8E-07	5.3E-03
205-99-2	~Benzo[b]fluoranthene	0.167	0.167	0.167	1.1E-07	3.6E-08	1.7E-13	1.5E-07				
207-08-9	~Benzo[k]fluoranthene	0.0574	0.0574	0.0574	3.7E-09	1.3E-09	5.7E-15	5.0E-09				
218-01-9	~Chrysene	0.123	0.123	0.123	8.0E-10	2.7E-10	1.2E-15	1.1E-09				
206-44-0	~Fluoranthene	0.221	0.221	0.221					7.1E-05	2.2E-05		9.2E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0887	0.0887	0.0887	5.8E-08	1.9E-08	8.8E-14	7.7E-08				
129-00-0	~Pyrene	0.179	0.179	0.179					7.6E-05	2.4E-05		1.0E-04
7782-49-2	Selenium	0.523	0.523	0.523					1.3E-03		4.2E-10	1.3E-03
7440-22-4	Silver	0.447	0.447	0.447					1.1E-03			1.1E-03
7440-28-0	Thallium (Soluble Salts)	0.0838	0.0838	0.0838					1.1E-01			1.1E-01
7440-62-2	Vanadium and Compounds	26.1	26.1	26.1					6.6E-02		4.2E-06	6.6E-02
7440-66-6	Zinc and Compounds	60.9	60.9	60.9					2.6E-03			2.6E-03

Cumulative:

4.1E-06

9.4E-01

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	0.103	0.103	0.103					9.8E-08			9.8E-08
7440-38-2	Arsenic, Inorganic	1.35	1.35	1.35	3.7E-07	7.9E-08	8.0E-12	4.5E-07	2.3E-03	4.9E-04	3.5E-07	2.8E-03
7440-39-3	Barium	104	104	104					4.5E-04		8.0E-07	4.5E-04
7440-41-7	Beryllium and compounds	0.463	0.463	0.463			1.5E-12	1.5E-12	2.0E-04		8.9E-08	2.0E-04
7440-43-9	Cadmium (Diet)	0.1	0.1	0.1			2.5E-13	2.5E-13	8.6E-04	1.4E-04	3.8E-08	1.0E-03
18540-29-9	Chromium(VI)	0.896	0.896	0.896	4.4E-08		1.4E-11	4.4E-08	8.5E-04		1.1E-07	8.5E-04
7440-48-4	Cobalt	8.38	8.38	8.38			1.0E-10	1.0E-10	2.4E-02		5.4E-06	2.4E-02
7440-50-8	Copper	13.4	13.4	13.4					2.9E-04			2.9E-04
7439-92-1	~Lead and Compounds	19.2	19.2	19.2					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	583	583	583					2.1E-02		4.5E-05	2.1E-02
7439-97-6	~Mercury (elemental)	0.0292	0.0292	0.0292							9.2E-04	9.2E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0099	0.0099	0.0099					1.4E-08		3.5E-08	4.9E-08
7440-02-0	Nickel Soluble Salts	10.1	10.1	10.1			3.6E-12	3.6E-12	4.3E-04		3.9E-06	4.4E-04
14797-55-8	Nitrate (measured as nitrogen)	2.64	2.64	2.64					1.4E-06			1.4E-06
56-55-3	~Benz[a]anthracene	0.0717	0.0717	0.0717	2.2E-09	1.2E-09	7.5E-11	3.5E-09				
50-32-8	~Benzo[a]pyrene	0.0959	0.0959	0.0959	2.9E-08	1.6E-08	7.9E-14	4.5E-08	2.7E-04	1.5E-04	1.8E-07	4.2E-04
205-99-2	~Benzo[b]fluoranthene	0.167	0.167	0.167	5.1E-09	2.8E-09	1.4E-14	7.9E-09				
207-08-9	~Benzo[k]fluoranthene	0.0574	0.0574	0.0574	1.8E-10	9.7E-11	4.7E-16	2.7E-10				
218-01-9	~Chrysene	0.123	0.123	0.123	3.8E-11	2.1E-11	1.0E-16	5.8E-11				
206-44-0	~Fluoranthene	0.221	0.221	0.221					4.7E-06	2.6E-06		7.3E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0887	0.0887	0.0887	2.7E-09	1.5E-09	7.3E-15	4.2E-09				
129-00-0	~Pyrene	0.179	0.179	0.179					5.1E-06	2.8E-06		7.9E-06
7782-49-2	Selenium	0.523	0.523	0.523					9.0E-05		1.0E-10	9.0E-05
7440-22-4	Silver	0.447	0.447	0.447					7.7E-05			7.7E-05
7440-28-0	Thallium (Soluble Salts)	0.0838	0.0838	0.0838					7.2E-03			7.2E-03
7440-62-2	Vanadium and Compounds	26.1	26.1	26.1					4.4E-03		1.0E-06	4.4E-03
7440-66-6	Zinc and Compounds	60.9	60.9	60.9					1.7E-04			1.7E-04

Cumulative:

5.6E-07

6.4E-02

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	0.103	0.103	0.103					6.3E-07			6.3E-07
7440-38-2	Arsenic, Inorganic	1.35	1.35	1.35	7.5E-07	1.1E-07	1.2E-12	8.5E-07	1.5E-02	1.8E-03	5.2E-08	1.7E-02
7440-39-3	Barium	104	104	104					2.8E-03		1.2E-07	2.8E-03
7440-41-7	Beryllium and compounds	0.463	0.463	0.463			2.4E-13	2.4E-13	1.3E-03		1.3E-08	1.3E-03
7440-43-9	Cadmium (Diet)	0.1	0.1	0.1			3.9E-14	3.9E-14	5.5E-03	5.2E-04	5.8E-09	6.0E-03
18540-29-9	Chromium(VI)	0.896	0.896	0.896	4.0E-07		5.9E-12	4.0E-07	5.5E-03		1.7E-08	5.5E-03
7440-48-4	Cobalt	8.38	8.38	8.38			1.6E-11	1.6E-11	1.5E-01		8.1E-07	1.5E-01
7440-50-8	Copper	13.4	13.4	13.4					1.8E-03			1.8E-03
7439-92-1	~Lead and Compounds	19.2	19.2	19.2					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	583	583	583					1.3E-01		6.7E-06	1.3E-01
7439-97-6	~Mercury (elemental)	0.0292	0.0292	0.0292							1.4E-04	1.4E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0099	0.0099	0.0099					9.0E-08		5.2E-09	9.6E-08
7440-02-0	Nickel Soluble Salts	10.1	10.1	10.1			5.6E-13	5.6E-13	2.8E-03		5.8E-07	2.8E-03
14797-55-8	Nitrate (measured as nitrogen)	2.64	2.64	2.64					9.0E-06			9.0E-06
56-55-3	~Benz[a]anthracene	0.0717	0.0717	0.0717	2.0E-08	6.7E-09	3.2E-11	2.7E-08				
50-32-8	~Benzo[a]pyrene	0.0959	0.0959	0.0959	2.7E-07	9.0E-08	3.4E-14	3.6E-07	1.8E-03	5.4E-04	2.8E-08	2.3E-03
205-99-2	~Benzo[b]fluoranthene	0.167	0.167	0.167	4.7E-08	1.6E-08	5.9E-15	6.2E-08				
207-08-9	~Benzo[k]fluoranthene	0.0574	0.0574	0.0574	1.6E-09	5.4E-10	2.0E-16	2.1E-09				
218-01-9	~Chrysene	0.123	0.123	0.123	3.4E-10	1.1E-10	4.4E-17	4.6E-10				
206-44-0	~Fluoranthene	0.221	0.221	0.221					3.0E-05	9.3E-06		4.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0887	0.0887	0.0887	2.5E-08	8.3E-09	3.2E-15	3.3E-08				
129-00-0	~Pyrene	0.179	0.179	0.179					3.3E-05	1.0E-05		4.3E-05
7782-49-2	Selenium	0.523	0.523	0.523					5.7E-04		1.5E-11	5.7E-04
7440-22-4	Silver	0.447	0.447	0.447					4.9E-04			4.9E-04
7440-28-0	Thallium (Soluble Salts)	0.0838	0.0838	0.0838					4.6E-02			4.6E-02
7440-62-2	Vanadium and Compounds	26.1	26.1	26.1					2.8E-02		1.5E-07	2.8E-02
7440-66-6	Zinc and Compounds	60.9	60.9	60.9					1.1E-03			1.1E-03

Cumulative:

1.7E-06

4.0E-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 Avenue
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	1/24/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-5 Risk Assessment

Input Form 2A

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	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
0.32		67-64-1	Acetone			mg/kg	SED-5									
1.52	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
53.4	B	7440-39-3	Barium			mg/kg	SED-5									
0.0731	J	100-52-7	Benzaldehyde			mg/kg	SED-5									
0.25	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.068	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
0.42	J	18540-29-9	Chromium(VI)			mg/kg	SED-4									
7.1		7440-48-4	Cobalt			mg/kg	SED-5									
13.9	B	7440-50-8	Copper			mg/kg	SED-5									
14.8		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
457	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
0.0273	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-5									
0.0256	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			mg/kg	SED-5									
10.7	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
2.29	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5									
0.0922	J	120-12-7	~Anthracene			mg/kg	SED-5									
0.651		56-55-3	~Benz[a]anthracene			mg/kg	SED-5									
0.862		50-32-8	~Benz[a]pyrene			mg/kg	SED-5									
1.37		205-99-2	~Benz[b]fluoranthene			mg/kg	SED-5									
0.482	J	207-08-9	~Benz[k]fluoranthene			mg/kg	SED-5									
1.01		218-01-9	~Chrysene			mg/kg	SED-5									
0.159	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-5									
1.81		206-44-0	~Fluoranthene			mg/kg	SED-5									
0.75		193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-5									
1.49		129-00-0	~Pyrene			mg/kg	SED-5									
0.638	J B	7782-49-2	Selenium			mg/kg	SED-5									
0.205	J B	7440-22-4	Silver			mg/kg	SED-5									
0.00185	J	108-88-3	Toluene			mg/kg	SED-5									
20.3 B		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
70.1	B	7440-66-6	Zinc and Compounds			mg/kg	SED-5									

North Carolina DEQ Risk Calculator

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	1.4E-05	6.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	1.1E-06	4.7E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.0E-06	2.9E-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.				

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	0.32	0.32	0.32					4.5E-06			4.5E-06
7440-38-2	Arsenic, Inorganic	1.52	1.52	1.52	2.0E-06	2.8E-07	3.9E-11	2.2E-06	3.9E-02	4.6E-03	1.6E-06	4.3E-02
7440-39-3	Barium	53.4	53.4	53.4					3.4E-03		1.7E-06	3.4E-03
100-52-7	Benzaldehyde	0.0731	0.0731	0.0731	4.2E-10			4.2E-10	9.3E-06			9.3E-06
7440-41-7	Beryllium and compounds	0.25	0.25	0.25			3.6E-12	3.6E-12	1.6E-03		2.0E-07	1.6E-03
7440-43-9	Cadmium (Diet)	0.068	0.068	0.068			7.3E-13	7.3E-13	8.7E-03	8.3E-04	1.1E-07	9.5E-03
18540-29-9	Chromium(VI)	0.42	0.42	0.42	4.4E-07		7.7E-11	4.4E-07	6.0E-03		2.3E-07	6.0E-03
7440-48-4	Cobalt	7.1	7.1	7.1			3.8E-10	3.8E-10	3.0E-01		1.9E-05	3.0E-01
7440-50-8	Copper	13.9	13.9	13.9					4.4E-03			4.4E-03
7439-92-1	~Lead and Compounds	14.8	14.8	14.8					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	457	457	457					2.4E-01		1.5E-04	2.4E-01
7439-97-6	~Mercury (elemental)	0.0273	0.0273	0.0273							3.6E-03	3.6E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0256	0.0256	0.0256					5.5E-07		3.8E-07	9.2E-07
7440-02-0	Nickel Soluble Salts	10.7	10.7	10.7			1.7E-11	1.7E-11	6.8E-03		1.7E-05	6.9E-03
14797-55-8	Nitrate (measured as nitrogen)	2.29	2.29	2.29					1.8E-05			1.8E-05
120-12-7	~Anthracene	0.0922	0.0922	0.0922					3.9E-06	1.2E-06		5.1E-06
56-55-3	~Benz[a]anthracene	0.651	0.651	0.651	4.3E-07	1.4E-07	8.2E-09	5.8E-07				
50-32-8	~Benzo[a]pyrene	0.862	0.862	0.862	5.6E-06	1.9E-06	8.6E-12	7.5E-06	3.7E-02	1.1E-02	7.0E-06	4.8E-02
205-99-2	~Benzo[b]fluoranthene	1.37	1.37	1.37	8.9E-07	3.0E-07	1.4E-12	1.2E-06				
207-08-9	~Benzo[k]fluoranthene	0.482	0.482	0.482	3.1E-08	1.1E-08	4.8E-14	4.2E-08				
218-01-9	~Chrysene	1.01	1.01	1.01	6.6E-09	2.2E-09	1.0E-14	8.8E-09				
53-70-3	~Dibenz[a,h]anthracene	0.159	0.159	0.159	1.0E-06	3.5E-07	1.6E-12	1.4E-06				
206-44-0	~Fluoranthene	1.81	1.81	1.81					5.8E-04	1.8E-04		7.6E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.75	0.75	0.75	4.9E-07	1.6E-07	7.5E-13	6.5E-07				
129-00-0	~Pyrene	1.49	1.49	1.49					6.4E-04	2.0E-04		8.3E-04
7782-49-2	Selenium	0.638	0.638	0.638					1.6E-03		5.2E-10	1.6E-03
7440-22-4	Silver	0.205	0.205	0.205					5.2E-04			5.2E-04
108-88-3	Toluene	0.00185	0.00185	0.00185					3.0E-07		7.8E-08	3.7E-07
7440-66-6	Zinc and Compounds	70.1	70.1	70.1					3.0E-03			3.0E-03

Cumulative:

1.4E-05

6.8E-01

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	0.32	0.32	0.32					3.0E-07			3.0E-07
7440-38-2	Arsenic, Inorganic	1.52	1.52	1.52	4.2E-07	8.9E-08	9.0E-12	5.1E-07	2.6E-03	5.5E-04	3.9E-07	3.2E-03
7440-39-3	Barium	53.4	53.4	53.4					2.3E-04		4.1E-07	2.3E-04
100-52-7	Benzaldehyde	0.0731	0.0731	0.0731	8.9E-11			8.9E-11	6.3E-07			6.3E-07
7440-41-7	Beryllium and compounds	0.25	0.25	0.25			8.2E-13	8.2E-13	1.1E-04		4.8E-08	1.1E-04
7440-43-9	Cadmium (Diet)	0.068	0.068	0.068			1.7E-13	1.7E-13	5.8E-04	9.9E-05	2.6E-08	6.8E-04
18540-29-9	Chromium(VI)	0.42	0.42	0.42	2.1E-08		6.3E-12	2.1E-08	4.0E-04		5.4E-08	4.0E-04
7440-48-4	Cobalt	7.1	7.1	7.1			8.8E-11	8.8E-11	2.0E-02		4.6E-06	2.0E-02
7440-50-8	Copper	13.9	13.9	13.9					3.0E-04			3.0E-04
7439-92-1	~Lead and Compounds	14.8	14.8	14.8					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	457	457	457					1.6E-02		3.5E-05	1.6E-02
7439-97-6	~Mercury (elemental)	0.0273	0.0273	0.0273								8.6E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0256	0.0256	0.0256					3.7E-08		9.0E-08	1.3E-07
7440-02-0	Nickel Soluble Salts	10.7	10.7	10.7			3.8E-12	3.8E-12	4.6E-04		4.1E-06	4.6E-04
14797-55-8	Nitrate (measured as nitrogen)	2.29	2.29	2.29					1.2E-06			1.2E-06
120-12-7	~Anthracene	0.0922	0.0922	0.0922					2.6E-07	1.4E-07		4.1E-07
56-55-3	~Benz[a]anthracene	0.651	0.651	0.651	2.0E-08	1.1E-08	6.8E-10	3.2E-08				
50-32-8	~Benzo[a]pyrene	0.862	0.862	0.862	2.6E-07	1.5E-07	7.1E-13	4.1E-07	2.5E-03	1.4E-03	1.7E-06	3.8E-03
205-99-2	~Benzo[b]fluoranthene	1.37	1.37	1.37	4.2E-08	2.3E-08	1.1E-13	6.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.482	0.482	0.482	1.5E-09	8.1E-10	4.0E-15	2.3E-09				
218-01-9	~Chrysene	1.01	1.01	1.01	3.1E-10	1.7E-10	8.3E-16	4.8E-10				
53-70-3	~Dibenz[a,h]anthracene	0.159	0.159	0.159	4.9E-08	2.7E-08	1.3E-13	7.5E-08				
206-44-0	~Fluoranthene	1.81	1.81	1.81					3.9E-05	2.1E-05		6.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.75	0.75	0.75	2.3E-08	1.3E-08	6.2E-14	3.6E-08				
129-00-0	~Pyrene	1.49	1.49	1.49					4.3E-05	2.3E-05		6.6E-05
7782-49-2	Selenium	0.638	0.638	0.638					1.1E-04		1.2E-10	1.1E-04
7440-22-4	Silver	0.205	0.205	0.205					3.5E-05			3.5E-05
108-88-3	Toluene	0.00185	0.00185	0.00185					2.0E-08		1.9E-08	3.8E-08
7440-66-6	Zinc and Compounds	70.1	70.1	70.1					2.0E-04			2.0E-04

Cumulative:

1.1E-06

4.7E-02

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	0.32	0.32	0.32					1.9E-06			1.9E-06
7440-38-2	Arsenic, Inorganic	1.52	1.52	1.52	8.4E-07	1.2E-07	1.4E-12	9.6E-07	1.7E-02	2.0E-03	5.8E-08	1.9E-02
7440-39-3	Barium	53.4	53.4	53.4					1.5E-03		6.2E-08	1.5E-03
100-52-7	Benzaldehyde	0.0731	0.0731	0.0731	1.8E-10			1.8E-10	4.0E-06			4.0E-06
7440-41-7	Beryllium and compounds	0.25	0.25	0.25			1.3E-13	1.3E-13	6.8E-04		7.2E-09	6.8E-04
7440-43-9	Cadmium (Diet)	0.068	0.068	0.068			2.6E-14	2.6E-14	3.7E-03	3.5E-04	3.9E-09	4.1E-03
18540-29-9	Chromium(VI)	0.42	0.42	0.42	1.9E-07		2.7E-12	1.9E-07	2.6E-03		8.1E-09	2.6E-03
7440-48-4	Cobalt	7.1	7.1	7.1			1.4E-11	1.4E-11	1.3E-01		6.8E-07	1.3E-01
7440-50-8	Copper	13.9	13.9	13.9					1.9E-03			1.9E-03
7439-92-1	~Lead and Compounds	14.8	14.8	14.8					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	457	457	457					1.0E-01		5.3E-06	1.0E-01
7439-97-6	~Mercury (elemental)	0.0273	0.0273	0.0273							1.3E-04	1.3E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0256	0.0256	0.0256					2.3E-07		1.4E-08	2.5E-07
7440-02-0	Nickel Soluble Salts	10.7	10.7	10.7			6.0E-13	6.0E-13	2.9E-03		6.2E-07	2.9E-03
14797-55-8	Nitrate (measured as nitrogen)	2.29	2.29	2.29					7.8E-06			7.8E-06
120-12-7	~Anthracene	0.0922	0.0922	0.0922					1.7E-06	5.2E-07		2.2E-06
56-55-3	~Benzo[a]anthracene	0.651	0.651	0.651	1.8E-07	6.1E-08	2.9E-10	2.4E-07				
50-32-8	~Benzo[a]pyrene	0.862	0.862	0.862	2.4E-06	8.0E-07	3.1E-13	3.2E-06	1.6E-02	4.9E-03	2.5E-07	2.1E-02
205-99-2	~Benzo[b]fluoranthene	1.37	1.37	1.37	3.8E-07	1.3E-07	4.9E-14	5.1E-07				
207-08-9	~Benzo[k]fluoranthene	0.482	0.482	0.482	1.3E-08	4.5E-09	1.7E-15	1.8E-08				
218-01-9	~Chrysene	1.01	1.01	1.01	2.8E-09	9.4E-10	3.6E-16	3.8E-09				
53-70-3	~Dibenz[a,h]anthracene	0.159	0.159	0.159	4.4E-07	1.5E-07	5.7E-14	5.9E-07				
206-44-0	~Fluoranthene	1.81	1.81	1.81					2.5E-04	7.6E-05		3.2E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.75	0.75	0.75	2.1E-07	7.0E-08	2.7E-14	2.8E-07				
129-00-0	~Pyrene	1.49	1.49	1.49					2.7E-04	8.4E-05		3.6E-04
7782-49-2	Selenium	0.638	0.638	0.638					7.0E-04		1.8E-11	7.0E-04
7440-22-4	Silver	0.205	0.205	0.205					2.2E-04			2.2E-04
108-88-3	Toluene	0.00185	0.00185	0.00185					1.3E-07		2.8E-09	1.3E-07
7440-66-6	Zinc and Compounds	70.1	70.1	70.1					1.3E-03			1.3E-03

Cumulative:

6.0E-06

2.9E-01

North Carolina Department of Environmental Quality Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks - Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Avenue
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	1/24/2026
Prepared By:	Macy Courtney, Jennifer Petzold
Reviewed By:	Tom Raymond

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	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
0.0174	J	67-64-1	Acetone			mg/kg	SED-6									
0.47	B	7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
16.4	B	7440-39-3	Barium			mg/kg	SED-6									
0.11	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.268	J	18540-29-9	Chromium(VI)			mg/kg	SED-5									
3.06		7440-48-4	Cobalt			mg/kg	SED-6									
3.69	B	7440-50-8	Copper			mg/kg	SED-6									
4.83		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
92.3	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
5.49	B	7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.54	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6									
0.2	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-6									
0.332	J	50-32-8	~Benz[a]pyrene			mg/kg	SED-6									
0.479		205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
0.165	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-6									
0.274	J	218-01-9	~Chrysene			mg/kg	SED-6									
0.0621	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-6									
0.305	J	206-44-0	~Fluoranthene			mg/kg	SED-6									
0.275	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-6									
0.277	J	129-00-0	~Pyrene			mg/kg	SED-6									
0.669	J B	7782-49-2	Selenium			mg/kg	SED-6									
0.214	B	7440-22-4	Silver			mg/kg	SED-6									
12.4	B	7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
20	B	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	5.3E-06	2.6E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.0E-07	1.8E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	2.3E-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-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	0.0174	0.0174	0.0174					2.5E-07			2.5E-07
7440-38-2	Arsenic, Inorganic	0.47	0.47	0.47	6.1E-07	8.6E-08	1.2E-11	6.9E-07	1.2E-02	1.4E-03	5.1E-07	1.3E-02
7440-39-3	Barium	16.4	16.4	16.4					1.0E-03			5.3E-07
7440-41-7	Beryllium and compounds	0.11	0.11	0.11			1.6E-12	1.6E-12	7.0E-04			8.9E-08
18540-29-9	Chromium(VI)	0.268	0.268	0.268	2.8E-07		4.9E-11	2.8E-07	3.8E-03			1.4E-07
7440-48-4	Cobalt	3.08	3.08	3.08			1.7E-10	1.7E-10	1.3E-01			8.3E-06
7440-50-8	Copper	3.69	3.69	3.69					1.2E-03			1.2E-03
7439-92-1	~Lead and Compounds	4.83	4.83	4.83					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	92.3	92.3	92.3					4.9E-02		3.0E-05	4.9E-02
7440-02-0	Nickel Soluble Salts	5.49	5.49	5.49			8.6E-12	8.6E-12	3.5E-03		8.9E-06	3.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.54	1.54	1.54					1.2E-05			1.2E-05
56-55-3	~Benz[a]anthracene	0.2	0.2	0.2	1.3E-07	4.4E-08	2.5E-09	1.8E-07				
50-32-8	~Benzo[a]pyrene	0.332	0.332	0.332	2.2E-06	7.2E-07	3.3E-12	2.9E-06	1.4E-02	4.4E-03	2.7E-06	1.9E-02
205-99-2	~Benzo[b]fluoranthene	0.479	0.479	0.479	3.1E-07	1.0E-07	4.8E-13	4.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.165	0.165	0.165	1.1E-08	3.6E-09	1.6E-14	1.4E-08				
218-01-9	~Chrysene	0.274	0.274	0.274	1.8E-09	6.0E-10	2.7E-15	2.4E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0621	0.0621	0.0621	4.1E-07	1.4E-07	6.2E-13	5.4E-07				
206-44-0	~Fluoranthene	0.305	0.305	0.305					9.7E-05	3.0E-05		1.3E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.275	0.275	0.275	1.8E-07	6.0E-08	2.7E-13	2.4E-07				
129-00-0	~Pyrene	0.277	0.277	0.277					1.2E-04	3.6E-05		1.5E-04
7782-49-2	Selenium	0.669	0.669	0.669					1.7E-03		5.4E-10	1.7E-03
7440-22-4	Silver	0.214	0.214	0.214					5.5E-04			5.5E-04
7440-62-2	Vanadium and Compounds	12.4	12.4	12.4					3.1E-02		2.0E-06	3.1E-02
7440-66-6	Zinc and Compounds	20	20	20					8.5E-04			8.5E-04

Cumulative:

5.3E-06

2.6E-01

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	0.0174	0.0174	0.0174					1.7E-08			1.7E-08
7440-38-2	Arsenic, Inorganic	0.47	0.47	0.47	1.3E-07	2.7E-08	2.8E-12	1.6E-07	8.0E-04	1.7E-04	1.2E-07	9.8E-04
7440-39-3	Barium	16.4	16.4	16.4					7.0E-05		1.3E-07	7.0E-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
18540-29-9	Chromium(VI)	0.268	0.268	0.268	1.3E-08		4.1E-12	1.3E-08	2.5E-04		3.4E-08	2.5E-04
7440-48-4	Cobalt	3.08	3.08	3.08			3.8E-11	3.8E-11	8.8E-03		2.0E-06	8.8E-03
7440-50-8	Copper	3.69	3.69	3.69					7.9E-05			7.9E-05
7439-92-1	~Lead and Compounds	4.83	4.83	4.83					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	92.3	92.3	92.3					3.3E-03		7.1E-06	3.3E-03
7440-02-0	Nickel Soluble Salts	5.49	5.49	5.49			2.0E-12	2.0E-12	2.4E-04		2.1E-06	2.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1.54	1.54	1.54					8.2E-07			8.2E-07
56-55-3	~Benz[a]anthracene	0.2	0.2	0.2	6.1E-09	3.4E-09	2.1E-10	9.7E-09				
50-32-8	~Benzo[a]pyrene	0.332	0.332	0.332	1.0E-07	5.6E-08	2.7E-13	1.6E-07	9.5E-04	5.2E-04	6.4E-07	1.5E-03
205-99-2	~Benzo[b]fluoranthene	0.479	0.479	0.479	1.5E-08	8.1E-09	4.0E-14	2.3E-08				
207-08-9	~Benzo[k]fluoranthene	0.165	0.165	0.165	5.0E-10	2.8E-10	1.4E-15	7.8E-10				
218-01-9	~Chrysene	0.274	0.274	0.274	8.4E-11	4.6E-11	2.3E-16	1.3E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0621	0.0621	0.0621	1.9E-08	1.0E-08	5.1E-14	2.9E-08				
206-44-0	~Fluoranthene	0.305	0.305	0.305					6.5E-06	3.6E-06		1.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.275	0.275	0.275	8.4E-09	4.6E-09	2.3E-14	1.3E-08				
129-00-0	~Pyrene	0.277	0.277	0.277					7.9E-06	4.3E-06		1.2E-05
7782-49-2	Selenium	0.669	0.669	0.669					1.1E-04		1.3E-10	1.1E-04
7440-22-4	Silver	0.214	0.214	0.214					3.7E-05			3.7E-05
7440-62-2	Vanadium and Compounds	12.4	12.4	12.4					2.1E-03		4.8E-07	2.1E-03
7440-66-6	Zinc and Compounds	20	20	20					5.7E-05			5.7E-05

Cumulative:

4.0E-07

1.8E-02

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	0.0174	0.0174	0.0174					1.1E-07			1.1E-07
7440-38-2	Arsenic, Inorganic	0.47	0.47	0.47	2.6E-07	3.7E-08	4.3E-13	3.0E-07	5.2E-03	6.1E-04	1.8E-08	5.8E-03
7440-39-3	Barium	16.4	16.4	16.4					4.5E-04		1.9E-08	4.5E-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
18540-29-9	Chromium(VI)	0.268	0.268	0.268	1.2E-07		1.8E-12	1.2E-07	1.6E-03		5.2E-09	1.6E-03
7440-48-4	Cobalt	3.08	3.08	3.08			5.9E-12	5.9E-12	5.6E-02		3.0E-07	5.6E-02
7440-50-8	Copper	3.69	3.69	3.69					5.1E-04			5.1E-04
7439-92-1	~Lead and Compounds	4.83	4.83	4.83					<SL**	<SL**	<SL**	
7439-96-5	Manganese (Non-diet)	92.3	92.3	92.3					2.1E-02		1.1E-06	2.1E-02
7440-02-0	Nickel Soluble Salts	5.49	5.49	5.49			3.1E-13	3.1E-13	1.5E-03		3.2E-07	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.54	1.54	1.54					5.3E-06			5.3E-06
56-55-3	~Benz[a]anthracene	0.2	0.2	0.2	5.6E-08	1.9E-08	9.0E-11	7.5E-08				
50-32-8	~Benzo[a]pyrene	0.332	0.332	0.332	9.3E-07	3.1E-07	1.2E-13	1.2E-06	6.1E-03	1.9E-03	9.6E-08	7.9E-03
205-99-2	~Benzo[b]fluoranthene	0.479	0.479	0.479	1.3E-07	4.5E-08	1.7E-14	1.8E-07				
207-08-9	~Benzo[k]fluoranthene	0.165	0.165	0.165	4.6E-09	1.5E-09	5.9E-16	6.2E-09				
218-01-9	~Chrysene	0.274	0.274	0.274	7.7E-10	2.6E-10	9.8E-17	1.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0621	0.0621	0.0621	1.7E-07	5.8E-08	2.2E-14	2.3E-07				
206-44-0	~Fluoranthene	0.305	0.305	0.305					4.2E-05	1.3E-05		5.5E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.275	0.275	0.275	7.7E-08	2.6E-08	9.8E-15	1.0E-07				
129-00-0	~Pyrene	0.277	0.277	0.277					5.1E-05	1.6E-05		6.6E-05
7782-49-2	Selenium	0.669	0.669	0.669					7.3E-04		1.9E-11	7.3E-04
7440-22-4	Silver	0.214	0.214	0.214					2.3E-04			2.3E-04
7440-62-2	Vanadium and Compounds	12.4	12.4	12.4					1.3E-02		7.2E-08	1.3E-02
7440-66-6	Zinc and Compounds	20	20	20					3.7E-04			3.7E-04
Cumulative:									2.3E-06			1.1E-01