Remedial Investigation Report
City of Durham Parks – Northgate Park, NONCD0000825
300 West Club Blvd. & 404 West Lavender Ave.
Durham, Durham County, North Carolina
Task Order RI-11A
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

July 13, 2026

July 13, 2026

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

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

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

Dear Mr. Kelt:

S&ME, Inc. (S&ME) is submitting this report summarizing the results of the Remedial Investigation Waste Delineation activities conducted at the above-referenced site in Durham, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposal No. 23050630BM, dated September 30, 2025, for Task Order 825RI-11A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

Sincerely,

S&ME, Inc.

Rachel Moore
Staff Professional II
RachelMoore@smeinc.com

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

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

Attachment: Remedial Investigation Report

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1.0 Summary of Current Investigation

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposal No. 23050630BM, dated September 30, 2025, for Task Order 825RI-11A under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

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

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

2.0 Landfill Gas Assessment

2.1 Soil Gas Probe Field Screening Methods

The landfill gas probe (LFGP) and landfill gas implant (LFGI) construction details are presented in **Table 1** and the location of the LFGPs are shown in **Figure 1**. The Coordinates of Selected Features are included in **Appendix I**. On January 19, 2026, landfill gas probes and implants were screened for landfill gas. Portable meters were used to collect the following parameters at each LFGP and LFGI screening location:

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

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

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

2.2 Landfill Gas Screening Results

2.2.1 Volatile Organic Compounds

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

2.2.2 Methane

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

2.2.3 Hydrogen Sulfide

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

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

2.3 Landfill Gas Sampling

On January 19, 2026, S&ME personnel used batch-certified sampling canisters to collect samples (including a duplicate sample) from five landfill gas probes and implants for laboratory analysis of VOCs by EPA Method TO-15, methane by ASTM Method D1946, mercury by NIOSH 6009, and hydrogen sulfide by EPA Method D5504.

2.3.1 Shut-in Testing

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

2.3.2 Helium Leak Testing

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

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

2.3.3 Purging and Sampling

After successfully passing the leak test, a minimum of three volumes of air were purged from the gas probes and sampling arrays. After purging the sampling array, the ball valve attachment on the T-connector leading to the purge point was closed and the valve on the regulator was opened to allow the collection of the samples into SUMMA 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 SUMMA canisters were shipped under standard chain-of-custody protocol to Eurofins Air Toxics for VOC analysis by EPA Method TO-15 and methane by ASTM Method D1946. The sorbent tubes and Tedlar® bags were shipped under standard chain-of-custody protocol to EMSL for mercury analysis by NIOSH 6009 and hydrogen sulfide analysis by ASTM Method D5504, respectively. The laboratory reports and chain of custody forms are in **Appendix III.**

2.4 Landfill Gas Sample Results

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

The laboratory reported detections of multiple VOCs and other analytes in the landfill gas samples. The NCDEQ Risk Calculator was used to assess the risk of the soil gas to the indoor air pathway. The Residential Receptor Risk and Non-Residential Worker Receptor Risk were not exceeded at any sample location. Methane did not exceed the LEL (5%) in any of the samples. Hydrogen Sulfide was not detected at any sample location. 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**. **Appendix IV** includes a historical summary table of the landfill gas laboratory results.

3.0 Groundwater Assessment

3.1 Monitor Well Purging and Sampling

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

On January 28, 2026, the depth to groundwater was measured in each monitor well with an electronic water level meter. A licensed surveyor located and measured horizontal coordinates and vertical elevations for the monitor wells under Task Order 821DP-6. The approximate depth of groundwater and elevations at each monitor well are displayed on **Table 4** and are represented on **Figure 4**. Groundwater generally flows southwest towards the surface water feature in the center of the site. The surface water flows to the southeast.

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

Manganese, cobalt, and vanadium were detected in groundwater samples at concentrations exceeding the North Carolina 2L Groundwater Standards of 50 micrograms per liter (µg/L), 1 µg/L, and 7 µg/L, respectively. These manganese, cobalt, and vanadium 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 January 27, 2026, S&ME collected surface water and stream sediment samples for laboratory analysis from six locations. Surface water sample locations are identified as SW-1 through SW-6 with laboratory data presented on **Table 7.** Stream sediment sample locations are identified as SED-1 through SED-6 with laboratory data summarized on **Table 8**. Surface water and stream sediment locations SED/SW-1 through

SED/SW-6 are shown on **Figure 5** and **Figure 6**, respectively. **Appendix IV** includes a historical summary table of the surface water laboratory results.

Surface water and stream sediment samples were collected, placed in a cooler with ice, and delivered under chain-of-custody protocol to Eurofins. Analysis includes VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, 1-4, Dioxane by EPA Method 8270E SIM, metals by EPA Method 6020B, mercury by EPA Method 7470A, nitrate by EPA method 353.2, sulfate by EPA Method 9056A, and ammonia by EPA Method 350.1.

4.1.1 Surface Water Sampling Results

Table 7 summarizes the surface water sample analytical results from locations SW-1 through SW-6. Copper, lead, and zinc were detected at concentrations exceeding the 15A NCAC 02B (2B Standards) surface water quality standards of 2.7 µg/L, 0.54 µg/L, and 36 µg/L, respectively. Several other detections were reported, however 2B Standards are not established for those constituents.

The NCDEQ Risk Calculator was used to assess the risk for direct contact of surface water and are shown on **Figure 5**. The carcinogenic risk and non-carcinogenic hazard index for surface water were not exceeded at any of the sample locations for the recreator/trespasser receptor. See **Section 5.0** for the Risk Calculator details.

4.1.2 Sediment Sampling Results

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

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

5.0 NCDEQ Risk Calculator

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

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

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

5.1 Landfill Gas Samples

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

5.2 Surface Water Samples

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

5.3 Sediment Samples

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

Appendix V contains the NCDEQ Risk Calculator Inputs and Outputs.

6.0 Quality Control

6.1 Quality Control Samples

Quality control samples were collected and analyzed as follows:

Soil Gas Duplicates

- One soil gas duplicate sample, named 825-LFGP-DUP-01, was collected on January 19, 2026, from LFGP-3. Analytical results of the duplicate sample were within an acceptable relative difference with the record samples.

Groundwater Duplicates

- One groundwater duplicate sample, named 825-MW-Dup, was collected on January 28, 2026, from MW-2. 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 on January 27, 2026 for both surface water and sediment, named 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

No work plan deviations were encountered during sampling events.

8.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with S&ME Proposal No. 23050630BM, dated September 30, 2025, for Task Order 825RI-11A 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

July 13, 2026
Date

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

WITNESS my hand and official seal this 13 day of July, 2026.

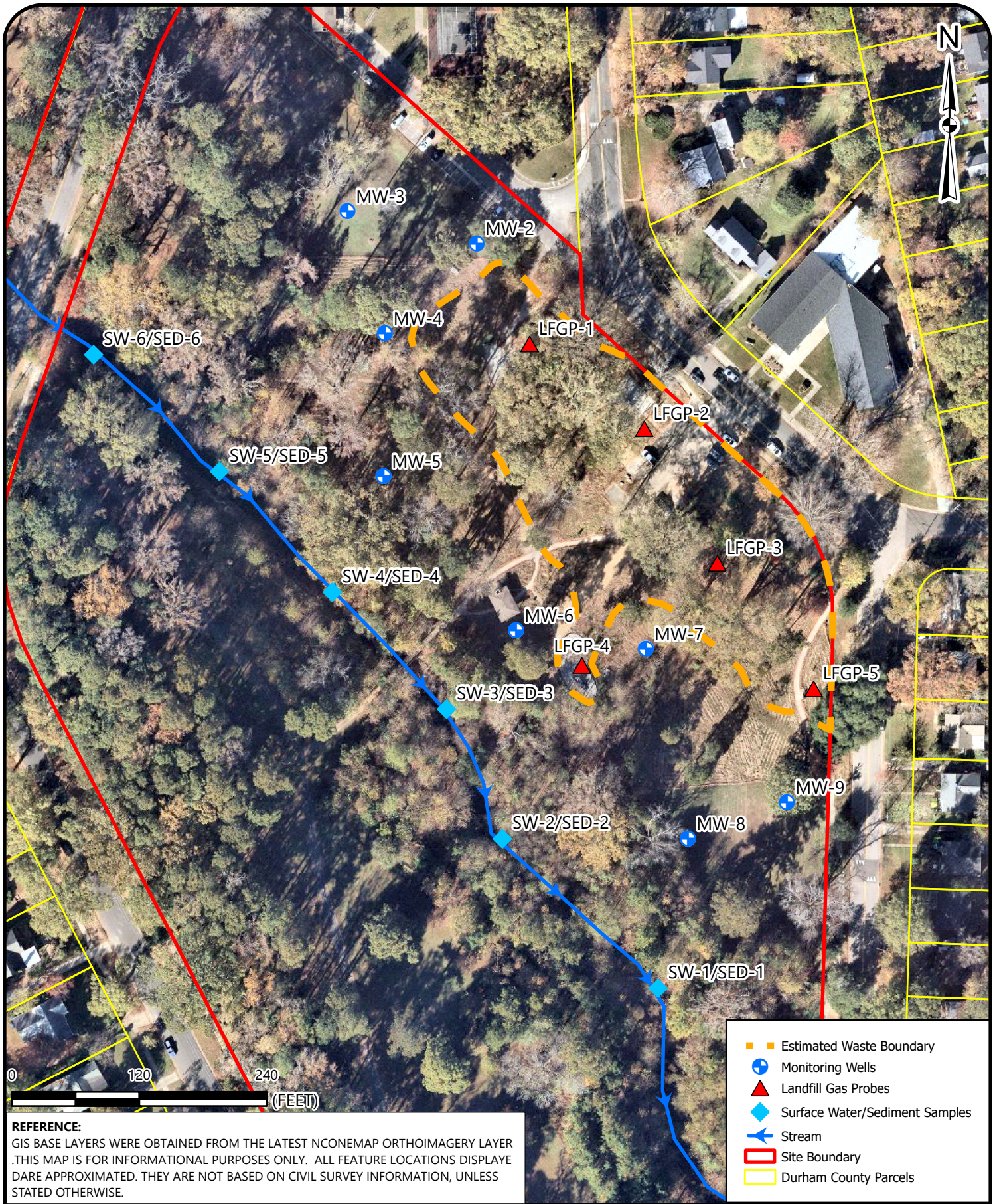
(OFFICIAL SEAL)

Wilma Craft
Notary Public (signature)

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

My commission expires: March 12 2028

Figures



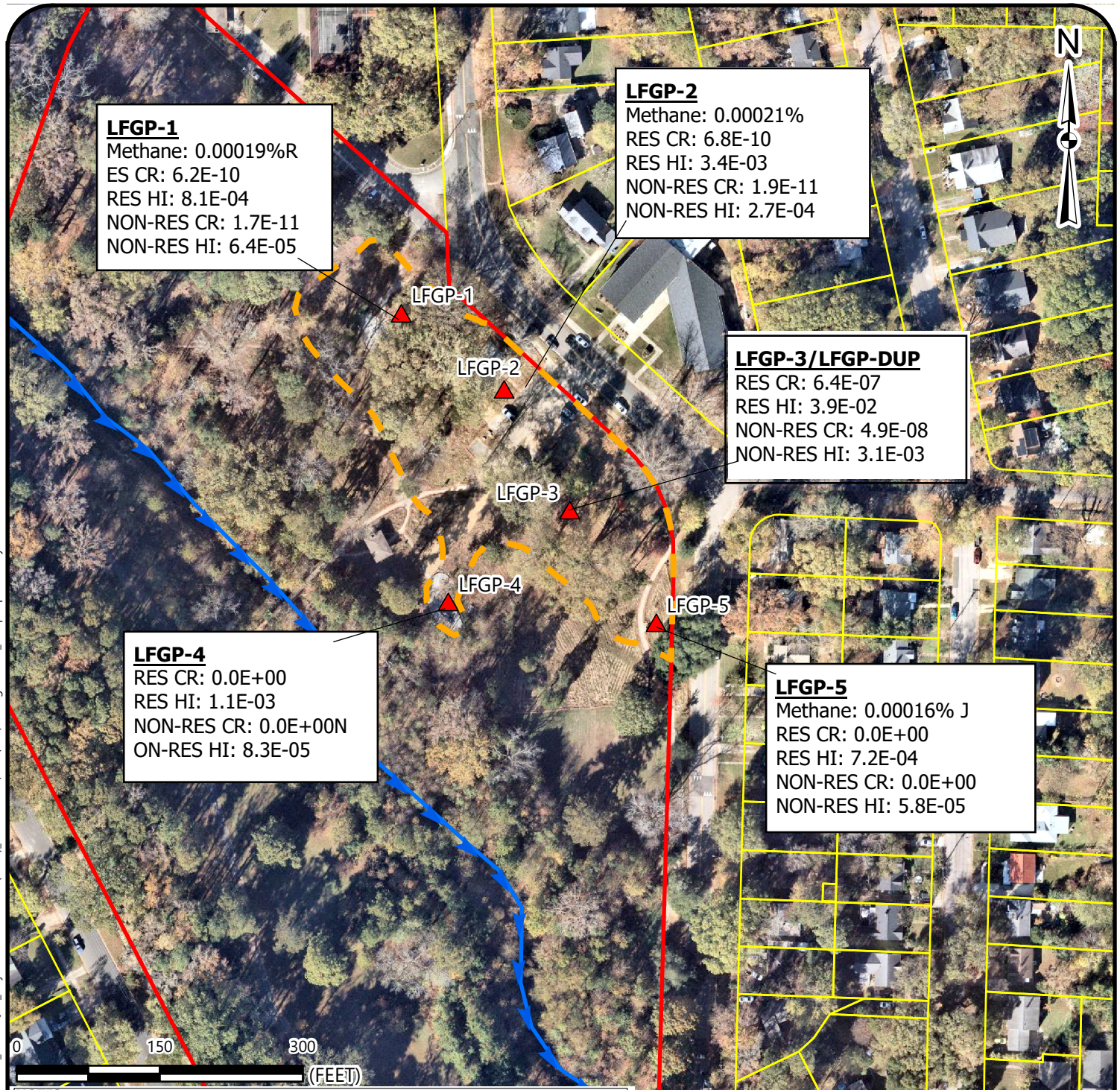
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER .THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYE DARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Northgate RI-9_10.aprx plotted by RachelMoore

SITE MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-11A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

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



NOTES:
LANDFILL GAS SAMPLING WAS CONDUCTED ON JANUARY 19, 2026. ONLY SAMPLING LOCATIONS THAT EXCEED THE LOWER EXPLOSIVE LIMIT (LEL) FOR METHANE (5%) ARE SHOWN IN RED. J: RESULT IS LESS THAN THE REPORTING LIMIT BUT GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT. THE CONCNETRATION IS AN APPROXIMATE VALUE.
RES CR: RESIDENTIAL CARCINOGENIC RISK
RES HI: RESIDENTIAL HAZARD INDEX
NON-RES CR: NON-RESIDENTIAL CARCINOGENIC RISK
NON-RES HI: NON-RESIDENTIAL HAZARD INDEX

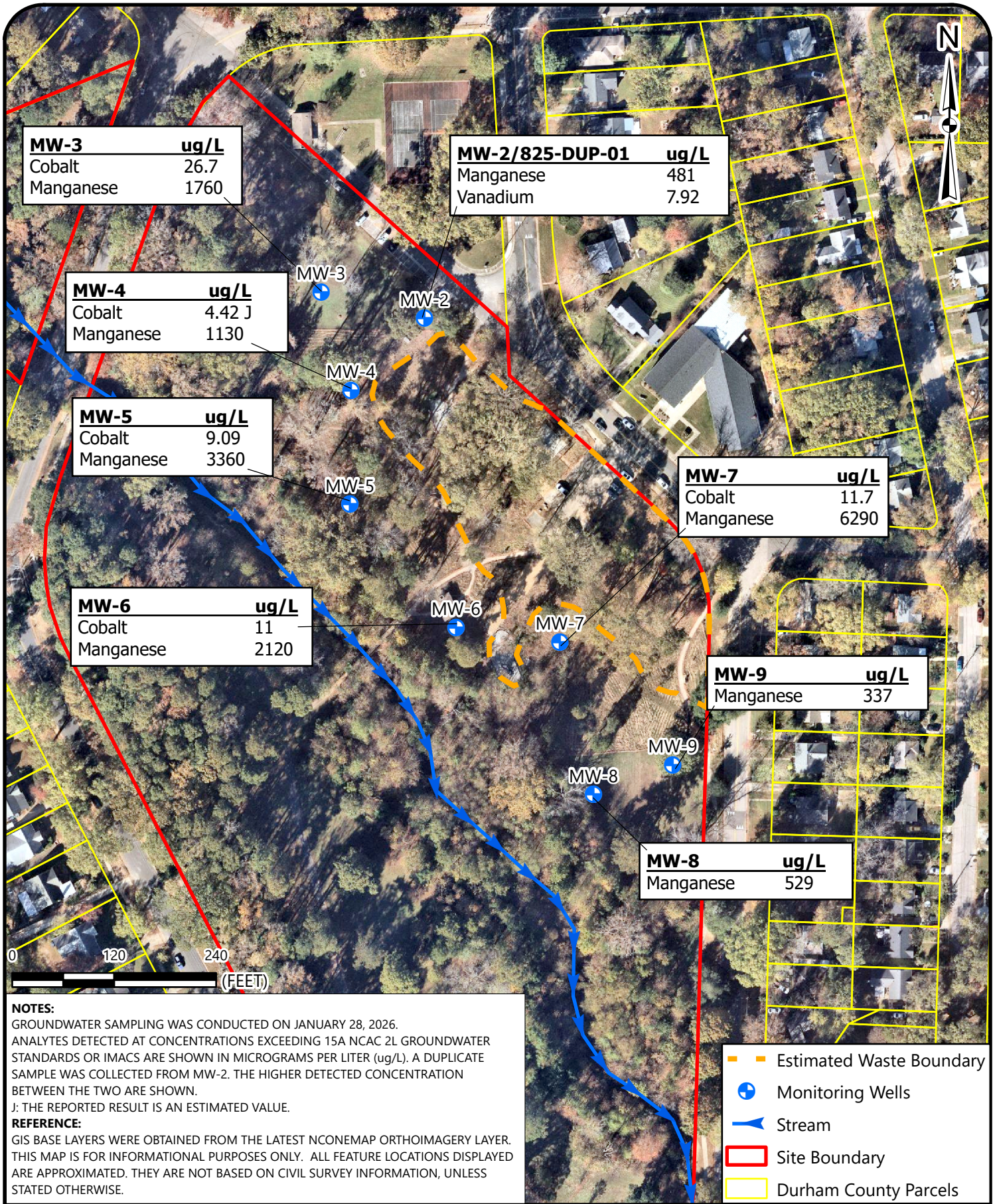
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYEDARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Northgate RI-9_10.aprx plotted by RachelMoore

LANDFILL GAS RISK ASSESSMENT & ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-11A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 2



NOTES:
GROUNDWATER SAMPLING WAS CONDUCTED ON JANUARY 28, 2026.
ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING 15A NCAC 2L GROUNDWATER STANDARDS OR IMACS ARE SHOWN IN MICROGRAMS PER LITER (ug/L). A DUPLICATE SAMPLE WAS COLLECTED FROM MW-2. THE HIGHER DETECTED CONCENTRATION BETWEEN THE TWO ARE SHOWN.
J: THE REPORTED RESULT IS AN ESTIMATED VALUE.

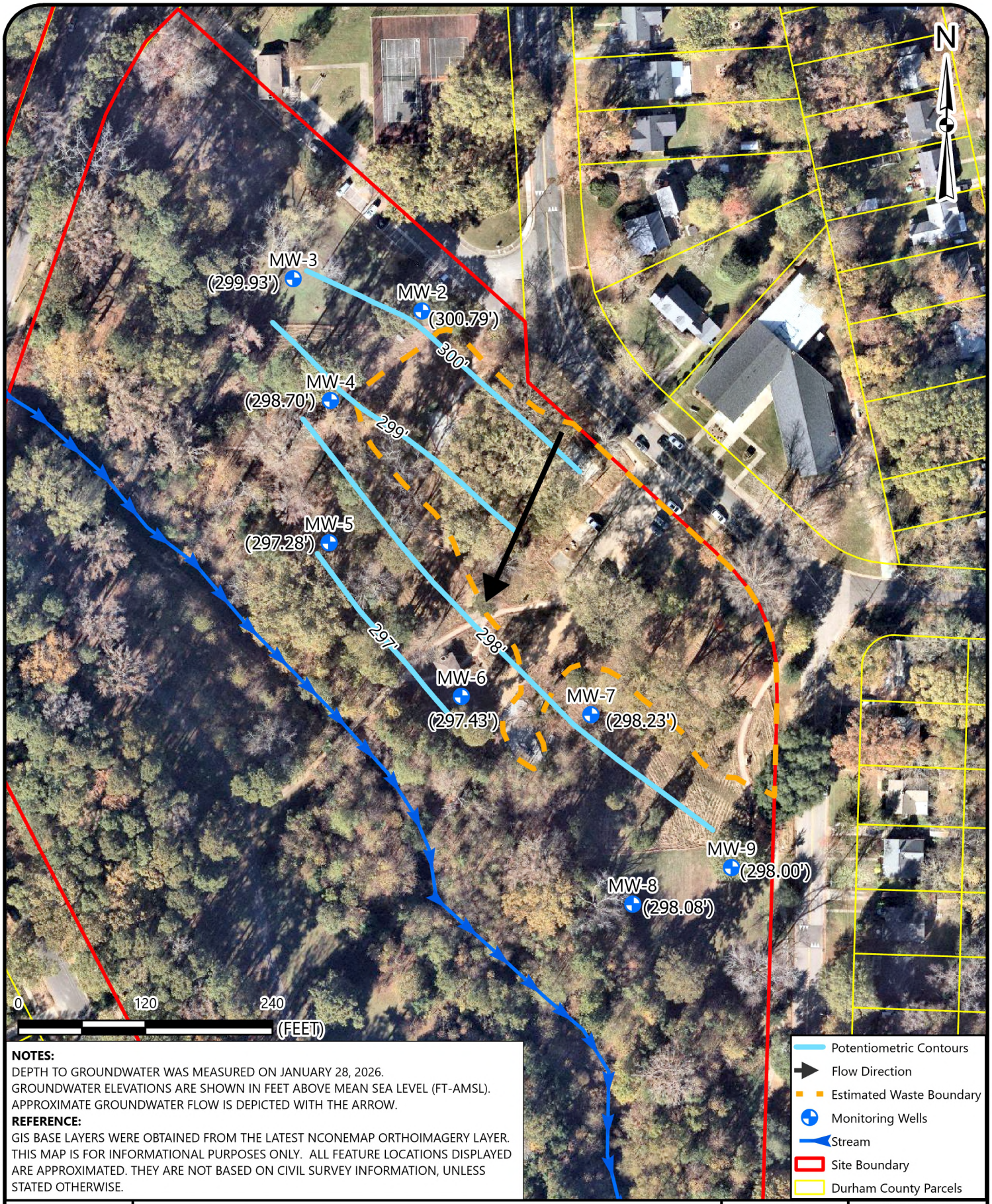
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

GROUNDWATER ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-11A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE:	FIGURE NO.
1 in = 150 ft	3
DATE: 3/10/2026	
PROJECT NUMBER 23050630	

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Northgate RI-9_10.aprx plotted by RachelMoore



NOTES:
DEPTH TO GROUNDWATER WAS MEASURED ON JANUARY 28, 2026.
GROUNDWATER ELEVATIONS ARE SHOWN IN FEET ABOVE MEAN SEA LEVEL (FT-AMSL).
APPROXIMATE GROUNDWATER FLOW IS DEPICTED WITH THE ARROW.

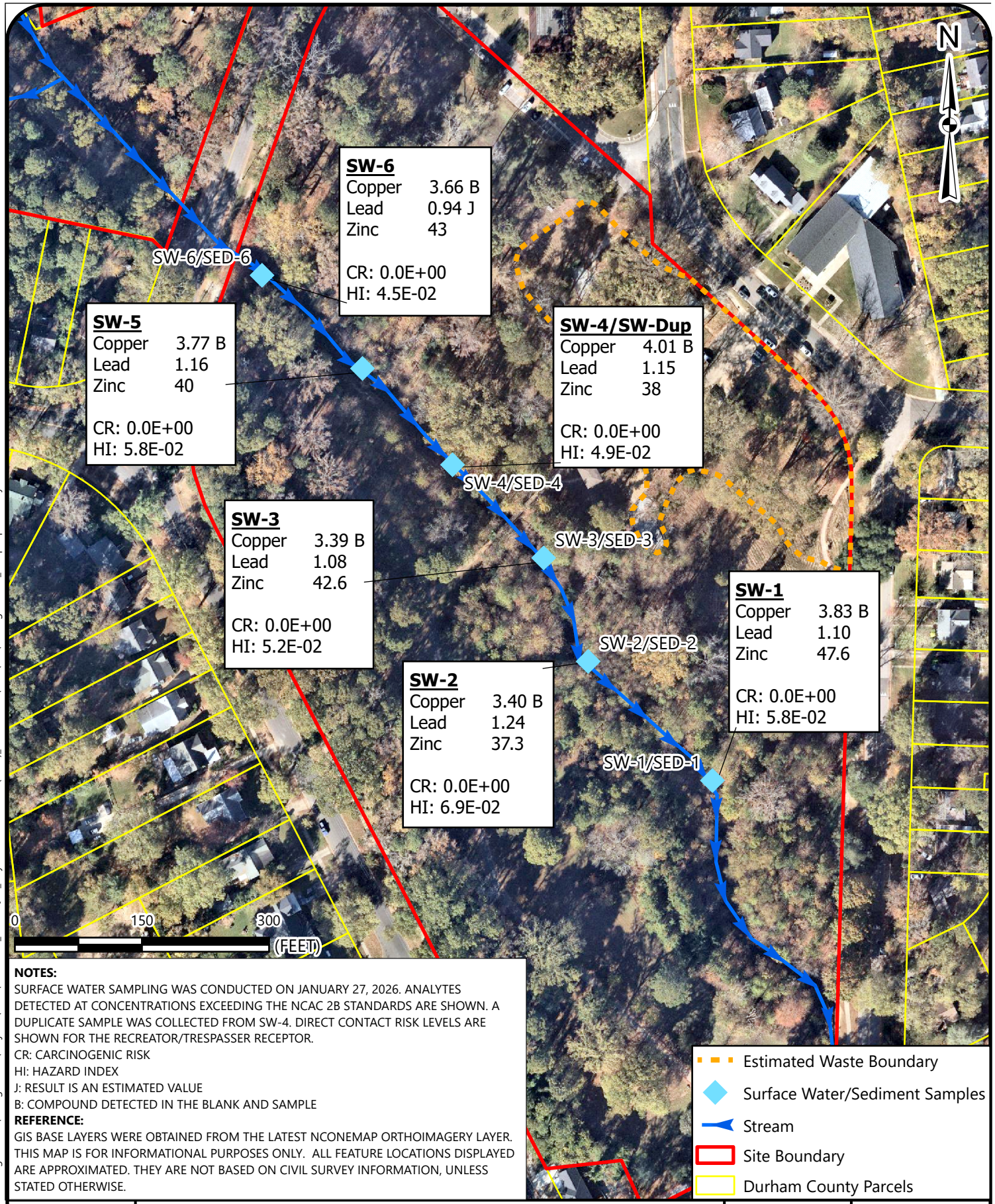
REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Northgate RI-9_10.aprx plotted by JenniferPetzold

GROUNDWATER POTENTIOMETRIC MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-11A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 120 ft
DATE: 3/25/2026
PROJECT NUMBER 23050630
FIGURE NO. 4



NOTES:
SURFACE WATER SAMPLING WAS CONDUCTED ON JANUARY 27, 2026. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING THE NCAC 2B STANDARDS ARE SHOWN. A DUPLICATE SAMPLE WAS COLLECTED FROM SW-4. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RECREATOR/TRESPASSER RECEPTOR.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX
J: RESULT IS AN ESTIMATED VALUE
B: COMPOUND DETECTED IN THE BLANK AND SAMPLE

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

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Northgate RI-9_10.aprx plotted by RachelMoore

SURFACE WATER RISK ASSESSMENT & ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-11A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE: 1 in = 150 ft
DATE: 3/10/2026
PROJECT NUMBER 23050630
FIGURE NO. 5

NOTES:
SEDIMENT SAMPLING WAS CONDUCTED ON JANUARY 27, 2026. ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING THE UNITED STATES EPA (USEPA) REGIONAL SCREENING LEVELS (RSLs) FOR SOIL ARE SHOWN SAMPLES ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/kg). A DUPLICATE SAMPLE WAS COLLECTED AT SED-4. THE HIGHEST CONCENTRATION BETWEEN THE TWO IS SHOWN. DIRECT CONTACT RISK LEVELS ARE SHOWN FOR THE RESIDENTIAL RECEPTOR.
CR: CARCINOGENIC RISK
HI: HAZARD INDEX
J: RESULT IS AN ESTIMATED VALUE

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

SEDIMENT RISK ASSESSMENT & ANALYTICAL RESULTS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825 RI-11A
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

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

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\Northgate RI-9_10.aprx plotted by RachelMoore

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-11A

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

Notes:
All landfill gas points were installed as soil gas implants due to shallow groundwater.
ft-bgs: feet below ground surface.
in: inches
N/A: Not Applicable
The Soil Gas Probe and Implant locations are indicated on **Figure 1.**

TABLE 2
Landfill Gas Field Screening Results
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-11A

Field Parameter		Volatile Organic Compounds (ppm-v)	Methane (Volume in Air %)	Methane (% Lower Explosive Limit)	Hydrogen Sulfide (ppm-v)
Sample ID	Screening Date				
BG-1	1/19/2026	0.0	0.0	0.0	0.0
BG-2	1/19/2026	0.0	0.0	0.0	0.0
BG-3	1/19/2026	0.0	0.0	0.0	0.0
BG-4	1/19/2026	0.0	0.0	0.0	0.0
LFGP-1	1/19/2026	0.0	0.0	0.0	0.0
LFGP-2	1/19/2026	0.0	0.0	0.0	0.0
LFGP-3	1/19/2026	0.0	0.0	0.0	0.0
LFGP-4	1/19/2026	0.0	0.0	0.0	0.0
LFGP-5	1/19/2026	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.

LFGP-2 reinstalled as original was destroyed.

Bold indicates a concentration greater than background concentrations.

Highlighted indicates a concentration exceeding the lower explosive limit for methane.

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

See **Figure 2** for landfill screening locations**.**

TABLE 3
Landfill Gas Sample Analytical Results Summary
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-11A

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-01
			Date Collected	1/19/2026	1/19/2026	1/19/2026	1/19/2026	1/19/2026	1/19/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	Acetone	67-64-1		**9.7 J**	**24**	**12 J**	**14 J**	**11 J**	**70**
	Chloroform	67-66-3		<1.4	<1.5	**2.3 J**	<1.2	<1.4	**2.6 J**
	cis-1,2-Dichloroethene	156-59-2		<1.2	<1.2	<1.2	<1.2	<1.2	**1.6 J**
	Ethanol	64-17-5		**5.6 J**	**33**	**10 J**	<4.6	<5.4	**10 J**
	Trichlorofluoromethane (Freon 11)	75-69-4		<1.7	**1.8 J**	<1.7	<1.7	<1.7	**1.9 J**
	Dichlorodifluoromethane (Freon 12)	75-71-8		**2.3 J**	**2.4 J**	**2.2 J**	**2.1 J**	**2.3 J**	**2.4 J**
	Hexane	110-54-3		<2.9	**1.3 J**	<2.4	<2.4	<6.4	<15
	Methylene Chloride	75-09-2		**2.1 J**	**2.3 J**	**2.0 J**	<1.7	<2.0	<1.9
	m,p-Xylene	108-38-3; 106-42-3		<2.5	**3.3 J**	<2.5	<2.1	<2.5	<2.3
	2-Propanol	67-63-0		<2.8	**9.2**	<2.9	**2.7 J**	<2.8	**3.4 J**
	2-Butanone (MEK)	78-93-3		<3.4	<3.6	<3.3	**3.3 J**	<3.4	**5.3 J**
	Styrene	100-42-5		<1.3	**1.7 J**	<1.3	<1.1	<1.2	<1.2
	Tetrachloroethene	127-18-4		<2	<2.1	<2	<1.7	<2	**2.9 J**
	Tetrahydrofuran	109-99-9		<0.87	<0.91	**0.88 J**	<0.73	<0.86	<0.82
	Toluene	108-88-3		**7.5**	**35**	**16**	**6.8**	**11**	**13**
	Trichloroethene	79-01-6		<1.6	<1.7	<1.6	<1.6	<1.6	**56**
ASTM D5504-12 (µg/m³)	Hydrogen Sulfide	7783-06-4		<14	<14	<14	<14	<14	<14
NIOSH 6009 (µg/m³)	Mercury	7439-97-6		<0.67	<0.67	<0.58	<0.67	<0.67	<0.67
EPA Method Modified ASTM D-1946 (%)	Methane	74-82-8		**0.00019**	**0.00021**	<0.000058	<0.000048	**0.00016 J**	<0.000054
NCDEQ Risk Calculator Values	**Vapor Intrusion Resident Soil Gas To Indoor Air**	**Cumulative Carcinogenic Risk**		6.2E-10	6.8E-10	6.4E-07	0.0E+00	0.0E+00	See LFGP-3 Risk Assessment.
		Non-Carcinogenic Hazard Quotient		8.1E-04	3.4E-03	3.9E-02	1.1E-03	7.2E-04	
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	**Cumulative Carcinogenic Risk**		1.7E-11	1.9E-11	4.9E-08	0.0E+00	0.0E+00	
		Non-Carcinogenic Hazard Quotient		6.4E-05	2.7E-04	3.1E-03	8.3E-05	5.8E-05	

Notes:
µg/m^3: 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.
Exceedes the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
J: Result is less than the Reporting Limit but greater than or equal to the Method Detection Limit and the concentration is an approximate value.
825-LFGP-DUP-01 was taken at LFGP-3.
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 January 19, 2026.

TABLE 4
Groundwater Monitor Well Construction Details & Groundwater Levels
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-11A

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'	1/28/2026	3.38	300.79
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'	1/28/2026	3.26	299.93
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'	1/28/2026	4.25	298.70
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'	1/28/2026	5.94	297.28
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'	1/28/2026	5.12	297.43
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'	1/28/2026	4.09	298.23
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'	1/28/2026	3.81	298.08
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	1/28/2026	3.61	298.00

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

TABLE 5

Groundwater Field Screening Parameters

City of Durham Parks - Northgate Park (NONCD0000825)

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

S&ME Project No. 23050630 Task Order RI-11A

Sample Location ID	Date	Field Parameter			
		pH	Temperature (°C)	Conductivity (µS/cm)	Turbidity (NTU)
MW-1		Not Installed			
MW-2	1/28/2026	6.98	15.2	431	17.0
MW-3	1/28/2026	6.32	12.5	545	30.0
MW-4	1/28/2026	6.43	12	1114	7.0
MW-5	1/28/2026	6.89	12.2	959	49.0
MW-6	1/28/2026	6.40	12.7	789	4.9
MW-7	1/28/2026	6.90	12.1	579	22.0
MW-8	1/28/2026	7.91	12.7	475	6.5
MW-9	1/28/2026	6.62	12.9	701	9.6

Notes:

Temperature: degrees Celsius (°C)

Conductivity: microsiemens per centimeter (µS/cm)

Turbidity: Nephelometric Turbidity Units

TABLE 6
Groundwater Sample Analytical Results Summary
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-11A

Analytical Method		Method 6020B - Metals (µg/L)													Method 8270E - SVOCs (µg/L)	Method 350.1 (µg/L)	Method 353.2-1993 R2.0 (µg/L)	Method 353.2 (µg/L)	Method SM 4500 SO4 E (µg/L)
CAS Number		7440-38-2	7440-39-3	7440-41-7	7440-50-8	7440-48-4	7439-92-1	7439-96-5	7440-02-0	7440-22-4	7440-28-0	108-88-3	7440-62-2	7440-66-6	105-60-2	7664-41-7	14797-55-8	7632-00-0	14808-79-8
Analyte		Arsenic	Barium	Beryllium	Copper	Cobalt	Lead	Manganese	Nickel	Silver	Thallium	Toluene	Vanadium	Zinc	Caprolactam	Ammonia Nitrogen	Nitrate as (N)	Nitrite as (N)	Sulfate
Sample ID	Date Collected																		
825-MW-2	1/28/2026	<1.32	**393**	**0.163 J^+**	<0.642	<0.411	<0.864	**448**	<0.422	**0.636 J**	<0.19	<0.197	**7.92**	**10.3**	<2.43	<20	**130**	<16.8	**9,030**
825-MW-3	1/28/2026	**4.76 J**	**120**	**0.484 J**	**1.95 J**	**26.7**	**2.39**	**1760**	**5.02**	**0.177 J**	**0.221 J B**	<0.197	**2.49 J**	**9.23 J**	<2.38	**38.8 J**	**64.0 J**	<16.8	**74,000**
825-MW-4	1/28/2026	<1.32	**137**	<0.147	**1.36 J**	**4.42 J**	<0.864	**1130**	**1.59 J**	<0.167	<0.19	<0.197	<1.22	<8.91	**8.01 J**	<20	**19.0 J**	<16.8	**164,000**
825-MW-5	1/28/2026	<1.32	**180**	<0.147	<0.642	**9.09**	<0.864	**3360**	**3.24 J**	<0.167	<0.19	**0.246 J**	**1.59 J**	<8.91	<2.45	<20	**116.0**	<16.8	**104,000**
825-MW-6	1/28/2026	**1.35 J**	**241**	<0.147	**2.55**	**11**	<0.864	**2120**	<0.422	<0.167	**0.369 J B^2**	<0.197	<1.22	<8.91	<2.39	**425 F1**	**77.4 J**	**31.6 J**	**18,600**
825-MW-7	1/28/2026	<1.32	**147**	<0.147	<0.642	**11.7**	<0.864	**6290**	**3.06 J**	<0.167	<0.19	<0.197	<1.22	<8.91	<2.41	<20	**44.0 J**	<16.8	**50,000**
825-MW-8	1/28/2026	<1.32	**239**	<0.147	<0.642	<0.411	<0.864	**529**	<0.422	<0.167	<0.19	<0.197	<1.22	<8.91	<2.41	<20	**19.0 J**	<16.8	**6,100**
825-MW-9	1/28/2026	**1.78 J**	**66**	<0.147	<0.642	**0.721 J**	<0.864	**337**	<0.422	<0.167	<0.19	<0.197	<1.22	<8.91	<2.51	<20	<10	**37.5 J**	**74,400**
825-MW-Dup (MW-2)	1/28/2026	<1.32	**402**	<0.147	<0.642	<0.411	<0.864	**481**	<0.422	<0.167	<0.19	<0.197	<1.22	<8.91	<2.44	<20	**35.0 J**	<16.8	**13,600**
15A NCAC 2L Groundwater Standards & IMACs		10	700	4	1,000	1	15	50	100	20	2	600	7	1,000	4,000	1,500	10,000	1,000	250,000

Notes:

µg/L: Micrograms per liter.
NE: The 15A NCAC 2L Standard has not been established for this constituent.
Target constituents not shown for the method were not detected
Concentrations shown with "<" do not exceed the laboratory method detection limits (MDLs).
Concentrations shown in **BOLD** exceed the laboratory MDLs.
Detections that exceed the 15A NCAC 2L Groundwater Standards or IMACs
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B: Compound was found in the blank and sample.
F1: MS and/or MSD recovery exceeds control limits.
^2: Cailbration Blank (ICB and/or CCB) is outside acceptance limits
^+: Continuing Calibration Verification is outside acceptance limits, high biased.
825-MW-Dup was taken at MW-2

TABLE 7
Surface Water Sample Analytical Results Summary
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630 Task Order RI-11A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs)		Method 6020B - Metals (µg/L)								Method 350.1 (µg/L)	Method 353.2-1993 R2.0 (µg/L)	Method 353.2 (µg/L)	Method 9056A (µg/L)	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		67-64-1	108-88-3	7440-39-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-62-2	7440-66-6	7664-41-7	14797-55-8	14797-65-0	14808-79-8		
Analyte		Acetone	Toluene	Barium	Cobalt	Copper	Lead	Manganese	Nickel	Vanadium	Zinc	Ammonia as (N)	Nitrate as (N)	Nitrite as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																
SW-1	1/27/2026	7.97 J	0.471 J	148	0.454 J	3.83 B	1.1	112.0	2.62 J B	<1.22	47.6	380	235	33.6 J	30,900	0.0E+00	5.8E-02
SW-2	1/27/2026	6.19 J	0.485 J	148	0.621 J	3.40 B	1.24	128.0	2.90 J B	1.25 J	37.3	458 F1	302	28.8 J	30,700	0.0E+00	6.9E-02
SW-3	1/27/2026	8.18 J	0.309 J	145	0.459 J	3.39 B	1.08	97.5	2.69 J B	<1.22	42.6	545	299	27.4 J	30,200	0.0E+00	5.2E-02
SW-4	1/27/2026	7.43 J	0.264 J	139	<5.00	4.01 B	1.15	98.4	2.52 J B	<1.22	38	556	303	29.1 J	29,500	0.0E+00	4.9E-02
SW-5	1/27/2026	7.13 J	<0.197	133	0.552 J	3.77 B	1.16	102.0	2.20 J B	1.36 J	40.0	345	296	29.5 J	24,500	0.0E+00	5.8E-02
SW-6	1/27/2026	7.72 J	0.225 J	142	<5.00	3.66 B	0.94 J	95.0	2.56 J B	<1.22	43.0	462	302	26 J	29,000	0.0E+00	4.5E-02
SW-DUP (SW-4)	1/27/2026	7.57 J	0.278 J	142	<5.00	3.81 B	1.05	96.7	2.35 J B	1.31 J	39.8	514	310	29.8 J	29,500	See SW-4 Risk Assessment	
15A NCAC 2B Surface Water Standards		NE	11	1,000	NE	2.7	0.54	NE	16	NE	36	NE	10,000	NE	250,000		

Notes:
Concentrations in BOLD exceed the Laboratory MDLs
NCDEQ Risk Calculator Values shown in red exceed risk.
NE: 15A NCAC 2B Surface Water Standard Not Established
Target constituents not shown for the method were not detected
Detections that exceed the 15A NCAC 2B Surface Water Standards
Compound not in NCDEQ Risk Calculator, not entered
J: estimated value less than the reporting limit but greater than the method detection limit
B: Compound was found in the blank and sample.
F1: MS and/or MSD recovery exceeds control limits
DUP was taken from SW-4

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-11A

Analytical Method		Method 8260D - Volatile Organic Compounds (VOCs) (mg/Kg)			Method 8270E - Semi Volatile Organic Compounds (SVOCs) (mg/Kg)													Method 6020B - Metals (mg/Kg)																Method 7471B (mg/Kg)	Method 350.1 (mg/Kg)	Method 9056A (mg/Kg)		NCDEQ Risk Calculator					
CAS Number		67-64-1	71-43-2	108-88-3	56-55-3	100-52-7	50-32-8	205-99-2	191-24-2	207-08-9	218-01-9	123-91-1	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	7664-41-7	14797-55-8	14808-79-8	Direct Contact Resident		Direct Contact Non-Residential Worker		Direct Contact Recreator/Trespasser	
Analyte		Acetone	Benzene	Toluene	Benzo(a)anthracene	Benzaldehyde	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	1,4-Dioxane	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	Ammonia as (N)	Nitrate as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																																									
SED-1	1/27/2026	**0.00701 J**	<0.000205	<0.000306	**0.143 J**	<0.0401	**0.191 J**	**0.323 J**	**0.187 J**	**0.110 J**	**0.228 J**	**0.00206**	<0.0410	**0.392 J**	**0.176 J**	**0.148 J**	**0.326 J**	**0.233 J**	**10.7 B**	**0.0703 J**	**0.0248 J**	**6.32**	<0.123	**2.47**	**3.13**	**4.09**	**54.6 B**	**4.97**	**0.154 J**	**0.148 J B**	<0.0273	**14**	**13.7**	<0.0167	**1.67**	**1.02 J**	**18.4**	2.6E-06	2.0E-01	2.0E-07	1.3E-02	1.1E-06	8.5E-02
SED-2	1/27/2026	**0.00992 J**	<0.000632	<0.000486	<0.0386	<0.0386	<0.0386	<0.00164	<0.0386	<0.0386	<0.0386	**0.00188**	<0.0386	<0.0386	<0.0386	<0.0386	<0.0386	**0.561**	**77.5 B**	**0.395**	**0.0744 J**	**17.4**	**0.483 J**	**2.49**	**5.31**	**5.16**	**67.1 B**	**5.01**	**0.794 J**	**0.0169 J B**	**0.0427 J**	**13.8**	**7.88**	**0.0190 J**	<0.386	**0.972 J**	<11.9	1.3E-06	2.8E-01	2.1E-07	1.9E-02	5.7E-07	1.2E-01
SED-3	1/27/2026	**0.0111**	<0.000246	<0.000367	<0.0428	<0.0428	<0.0428	**0.0156 J**	<0.0428	<0.0428	<0.0428	**0.00245**	<0.0428	<0.0428	<0.0428	<0.0428	<0.0428	**1.23**	**41.6 B**	**0.228 J F1**	**0.0643 J**	**15.2 F1**	**0.232 J**	**6.62**	**8.87**	**11.1**	**105 B**	**8.62**	**0.62 J F1**	**0.177 B**	**0.0581 J**	**21.1**	**18.8**	<0.0179	**0.861 J**	**1.1 J**	**15.7**	2.1E-06	5.3E-01	4.2E-07	3.6E-02	8.9E-07	2.3E-01
SED-4	1/27/2026	**0.00469 J**	<0.000261	<0.000390	<0.0397	<0.0397	**0.0425 J**	**0.0746 J**	<0.0397	<0.0397	**0.0509 J**	**0.0019**	<0.0397	**0.0987 J**	<0.0397	**0.047 J**	**0.0775 J**	**0.377 J**	**9.69 B**	**0.0862 J**	**0.0217 J**	**8.48**	<0.115	**2.06**	**2.72**	**3.28**	**25 B**	**3.36**	**0.125 J**	**0.213 B**	<0.027	**7.41**	**14.6**	<0.0169	<0.399	**1.0 J**	**30.2**	2.9E-06	3.4E-01	3.2E-07	2.3E-02	1.3E-06	1.5E-01
SED-5	1/27/2026	**0.00885 J**	<0.000262	<0.000391	**0.0747 J**	<0.0444	**0.0635 J**	**0.106 J**	<0.0444	<0.0444	**0.0865 J**	**0.00205**	<0.0444	**0.171 J**	<0.0444	**0.0964 J**	**0.152 J**	**0.571**	**48.1 B**	**0.318 J**	**0.0709 J**	**17.3**	<0.136	**6.71**	**7.95**	**10.4**	**86 B**	**7.08**	**0.639 J**	**0.118 J B**	**0.0596 J**	**18.7**	**13.5**	**0.0227 J**	<0.425	**1.16 J**	<13.4	1.6E-06	5.0E-01	2.3E-07	3.4E-02	6.7E-07	2.1E-01
SED-6	1/27/2026	**0.00886 J**	**0.000362 J**	**0.00116 J**	**0.0686 J**	<0.0418	**0.0802 J**	**0.137 J**	**0.0848 J**	**0.0454 J**	**0.104 J**	**0.00209**	<0.0418	**0.163 J**	**0.0755 J**	**0.0525 J**	**0.134 J**	**0.733**	**14.8 B**	**0.131 J**	**0.0286 J**	**19.9**	<0.134	**3.27**	**3.6**	**3.88**	**34.8 B**	**5.35**	**0.185 J**	**0.203 B**	<0.0298	**12.1**	**19.3**	<0.0185	<0.419	**1.08 J**	**46.7**	2.0E-06	2.3E-01	3.0E-07	1.5E-02	8.7E-07	9.7E-02
SED-DUP (SED-4)	1/27/2026	**0.00541 J**	<0.000182	<0.000272	**0.157 J**	<0.0365	**0.196 J**	**0.33 J**	**0.182 J**	**0.0974 J**	**0.233 J**	**0.00206**	**0.0365 J**	**0.424**	**0.169 J**	**0.162 J**	**0.34 J**	**0.635**	**53.4 B**	**0.333**	**0.0804 J**	**13.4**	**0.524 J**	**4.86**	**9.28**	**8.88**	**55 B**	**7.76**	**0.749 J**	**0.238 B**	**0.0522 J**	**19.8**	**18.6**	<0.0167	**1.46**	**0.983 J**	**25.5**	**See SED-4 Risk Assessment.**					
EPA Resident Soil Screening Levels		7,000	1.2	490	1.10	170	0.11	1.10	NE	11.0	110	5.3	0.11	240	1.10	NE	180	0.68	1,500	16	0.71	NE	0.95	2.3	310	200	180	140	390	39	0.078	39	2,300	0.71	NE	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.
B: Compound was found in the blank and sample.
F1 (Metals): MS and/ or MSD recovery exceeds control limits.
NE: Standard Not Established

Detections that exceed the EPA Resident Soil Screening Levels
Compound not in NCDEQ Risk Calculator, not entered

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, North Carolina
S&ME Project No. 23050630 Task Order RI-11A

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

Notes:

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

Appendix II- S&ME Field Notes

LANDFILL GAS SCREENING FORM

Project Name:	**Northgate Park**	Location:	Durham, NC	**Meter Type/ Meter Name/ Serial No.:**		
NCDEQ ID No.:	**NONCD0000825**	Date:	1/19/2026	Gas Analyzer	GEM PRO	
S&ME Project No.:	**23050630**	Weather:	Sunny	PID	Mini Rae 3000	Pre Calibration Time:
Task Order:	**825RI-11**	S&ME Personnel:	Madion A. / Logan H.	Thermo Hygrometer		Post Calibration Time:

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

Screening Data

Sample Location	**Time**	**VOCs**		**Methane**		**Carbon Dioxide**	**Oxygen**	**Hydrogen Sulfide**	**Barometric Pressure**	**Temperature**	**Humidity**
ID	**hr:min**	**ppm-v**	**%**	**volume in air (%)**	**% LEL (100% LEL = 5% CH4)**	**%**	**%**	**ppm-v**	**inHg**	**°F**	**%**
BG-1	15:00	0.0	0	0	0	0.1	21.3	0	30.1	45	65
BG-2	15:02	0.0	0	0	0	0.1	21.4	0	30.1	45	64
LFGP-1	15:05	0.0	0	0	0	0	20.8	0	30.1	46	64
LFGP-2	15:09	0.0	0	0	0	0.2	20.9	0	30.1	46	64
LFGP-3	15:13	0.0	0	0	0	1.9	18.7	0	30.1	46	63
LFGP-4	15:17	0.0	0	0	0	7.1	16.2	0	30.1	46	63
LFGP-5	15:21	0.0	0	0	0	2.4	18.8	0	30.1	46	63
BG-3	15:25	0	0	0	0	0.1	21.4	0	30.1	46	63
BG-4	12:30	0	0	0	0	0.1	21.4	0	30.1	46	63

Name	**Signature**	**Date**	**Notes:**
(1) Logan Hester	Logan Hester	1/19/2026	

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Northgate Park		
Project Number:	23050630 - 825RI-11		
Location:	Durham, NC	**Date:**	1/19/2026
Weather:	Sunny	**Air Temp (°F):**	40s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information					
Sample Type					
Sample ID	825-LFGP-5	825-LFGP-4	825-LFGP-3	825-LFGP-2	825-LFGP-1
Canister ID	6L2203	6L1208	1625	6L0497	6L0152
Regulator ID	24541	23393	25224	23118	24110
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 (%)	19.8	15.9	15.1		
He Detected in Leak Test (Y or N)	No	No	No	No	No
He Conc. Detected in Leak Test (ppm)	0	0	0	0	0
Percent of He in the Leak Test versus the Shroud	0.000%	0.000%	0.000%	0.000%	0.000%
Leak Test Passed (Yes/No)[1]	Yes	Yes	Yes	Yes	Yes

Purge Information														
Enter Construction Details →	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)	0.17" ID Total Tubing (ft)	0.25" ID Total Tubing (in)	Sand Pack Interval (in)
	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)	12.0			12.0			12.0			12.0			20.0		
Sample Collection														
Start Time	1004			1024			1012			1036			1040		
Initial Vacuum (inHg)	30			30			28			30			29		
End Time	1104			1124			1106			1136			1140		
Final Vacuum (inHg)	10			5			10			8			7		
Approximate Total Time (min)	60			60			54			60			60		
Sample Analysis	VOCs by TO-15			VOCs by TO-15			VOCs by TO-15			VOCs by TO-15			VOCs by TO-15		

Sampler Information

Sampled by: Madison Allen Sampler Signature: Madison Allen Date: 1/19/2026

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. 825-LFGP-DUP taken at LFGP-3. LFGP-1 and LFGP-2 are both destroyed.

Revision Date: 5/3/18 11:30

SOIL VAPOR FIELD SAMPLING FORM

Project Name:	Northgate Park		
Project Number:	23050630 - 825RI-11		
Location:	Durham, NC	**Date:**	1/19/2026
Weather:	Sunny	**Air Temp (°F):**	40s
Helium Detector Serial No.:	Dielectric Helium Detector 42585 (Field Environmental Instruments)	**Calibration Date:**	

Sample Information

Sample Type					
Sample ID	825-DUP-01				
Canister ID	6L0521				
Regulator ID	23102				
Canister Volume (L)	6				

Leak Test Information

Purge Method	Personal Pump				
He Concentration in Shroud (%)	15.1				
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)[1]	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)	20.0														

Sample Collection

Start Time	10:12				
Initial Vacuum (inHg)	25				
End Time	11:06				
Final Vacuum (inHg)	3				
Approximate Total Time (min)	54				
Sample Analysis	VOCs by TO-15				

Sampler Information

Sampled by: Madison Allen Sampler Signature: Madison Allen Date: 1/19/2026

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

Revision Date: 5/3/18 11:30

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-2**	Purge Time (Min.):	40
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	C. Faircloth	Sample Time:	14:40
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.38	ft-TOC
Total Well Depth:	29.00	ft-TOC
Height of Water Column:	25.62	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	4.2	gal
3 * Well Volume	12.5	gal
5 * Well Volume	20.9	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:55 **End Time:** 14:35

Total Volume Purged: 12.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
1.5	14:00	7.06	12	474	146	
3.0	14:05	7.02	14.2	457	91	
4.5	14:10	6.99	14.9	447	91	
6.0	14:15	6.97	15.5	443	63	
7.5	14:20	7.02	15.1	439	45	
9.0	14:25	6.98	15.5	441	35	
10.5	14:30	6.98	15.1	433	20	
12.0	14:35	6.98	15.2	431	17	

Sample Method: Peristaltic Pump **Sample Time:** 14:40

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals; 7470A	1	250 mL P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 mL P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		1/28/2026

Notes: 825-MW-Dup taken here.

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-3**	Purge Time (Min.):	45
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	R. Moore	Sample Time:	14:10
Weather:	Sunny	Air Temp:	37 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.26	ft-TOC
Total Well Depth:	15.00	ft-TOC
Height of Water Column:	11.74	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.9	gal
3 * Well Volume	5.7	gal
5 * Well Volume	9.6	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 13:20 **End Time:** 14:05

Total Volume Purged: 4.5 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.5	13:25	6.53	12.4	495	179	
1.0	13:30	6.42	12.5	489	99	
1.5	13:35	6.44	12.8	496	75	
2.0	13:40	6.40	12.6	499	74	
2.5	13:45	6.37	12.3	512	54	
3.0	13:50	6.35	12.3	528	44	
3.5	13:55	6.33	12.4	546	29	
4.0	14:00	6.33	12.4	541	30	
4.5	14:05	6.32	12.5	545	30	

Sample Method: Peristaltic Pump **Sample Time:** 14:10

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals; 7470A	1	250 mL P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 mL P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/28/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-4**	Purge Time (Min.):	15
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	R. Moore	Sample Time:	12:45
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm		1,413 µS/cm	

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.25	ft-TOC
Total Well Depth:	15.00	ft-TOC
Height of Water Column:	10.75	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.8	gal
3 * Well Volume	5.3	gal
5 * Well Volume	8.8	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:25 **End Time:** 12:40

Total Volume Purged: 4.5 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
1.5	12:30	6.54	11.3	1,088	11	
3.0	12:35	6.49	11.8	1,121	7.6	
4.5	12:40	6.43	12	1,114	7.0	

Sample Method: Peristaltic Pump **Sample Time:** 12:45

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	6020B-PRLF 16 Metals; 7470A	1	250 mL P	HNO3
8270E-SVOCs TCL OLM4.2	4	40 ml VOAs	None	350.1-Ammonia as N	1	250 mL P	H2SO4
8270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/28/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-5**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	C. Faircloth	Sample Time:	13:00
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	5.94	ft-TOC
Total Well Depth:	14.00	ft-TOC
Height of Water Column:	8.06	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.3	gal
3 * Well Volume	3.9	gal
5 * Well Volume	6.6	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 12:35 **End Time:** 13:00

Total Volume Purged: 2.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.5	12:40	6.86	11.5	943	48	
1.0	12:45	6.87	12.2	965	43	
1.5	12:50	6.91	12.2	944	40	
2.0	12:55	6.89	12.2	959	49	

Sample Method: Peristaltic Pump **Sample Time:** 13:00

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	020B-PRLF 16 Metals; 7470	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
270E-SIM-MS-ID-1,4 Dioxane	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		1/28/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-6**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	R. Moore	Sample Time:	11:45
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	5.12	ft-TOC
Total Well Depth:	17.00	ft-TOC
Height of Water Column:	11.88	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

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

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 11:20 **End Time:** 11:40

Total Volume Purged: 5.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
1.3	11:25	6.42	12.6	798	5.5	
2.5	11:30	6.41	12.7	795	5.3	
3.8	11:35	6.40	13	787	5.5	
5.0	11:40	6.40	12.7	789	4.9	

Sample Method: Peristaltic Pump **Sample Time:** 11:45

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	20B-PRLF 16 Metals; 747(	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
270E-SIM-MS-ID-1,4 Dioxan	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/28/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-7**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	C. Faircloth	Sample Time:	11:50
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	4.09	ft-TOC
Total Well Depth:	13.50	ft-TOC
Height of Water Column:	9.41	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	1.5	gal
3 * Well Volume	4.6	gal
5 * Well Volume	7.7	gal

Well Purging Information

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

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

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.2	11:30	6.97	10.8	573	24	
0.4	11:35	6.89	11.3	571	24	
0.6	11:40	6.90	12.1	579	22	

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

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	20B-PRLF 16 Metals; 747(	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
270E-SIM-MS-ID-1,4 Dioxan	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		1/28/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-8**	Purge Time (Min.):	25
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	C. Faircloth	Sample Time:	10:50
Weather:	Sunny	Air Temp:	32 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.81	ft-TOC
Total Well Depth:	16.50	ft-TOC
Height of Water Column:	12.69	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	2.1	gal
3 * Well Volume	6.2	gal
5 * Well Volume	10.4	gal

Well Purging Information

Purge Method: Peristaltic Pump **Purge Start Time:** 10:25 **End Time:** 10:50

Total Volume Purged: 0.8 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
0.2	10:30	8.06	10.4	580	10	
0.4	10:35	8.04	11.5	497	8.1	
0.6	10:40	7.96	12.5	481	9.7	
0.8	10:45	7.91	12.7	475	6.5	

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	020B-PRLF 16 Metals; 7470	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
270E-SIM-MS-ID-1,4 Dioxan	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Clay Faircloth		1/28/2026

Notes:

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

GROUNDWATER SAMPLING FORM

Project Name:	City of Durham Parks - Northgate Park		
Project Location:	Northgate Park		
Project Number:	23050630	Purge Date:	January 28, 2026
Source Well:	**MW-9**	Purge Time (Min.):	20
Locked?:	No	Sample Date:	January 28, 2026
Sampled By:	R. Moore	Sample Time:	10:35
Weather:	Sunny	Air Temp:	31 ° F

Equipment Calibration Information:

Equipment	Date	Time	Calibration Solution	Calibration Check		
pH	1/28/26	09:00	4.00, 7.00, 10.00	4.0	7.0	10.0
Conductivity	1/28/26	09:00	1,413 µS/cm	1,413 µS/cm		

Water Level & Well Data

Measuring Point:	Top of Casing	
Depth to Water:	3.61	ft-TOC
Total Well Depth:	24.00	ft-TOC
Height of Water Column:	20.39	feet
Screen Length:	10	ft-GRD
Stickup Height:	0	ft-GRD

Well Volume		
Well Diameter	2	inch
Well Volume	3.3	gal
3 * Well Volume	10.0	gal
5 * Well Volume	16.6	gal

Well Purging Information

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

Total Volume Purged: 4.0 gal **Well Purged Dry?:** No

Field Parameters

Cumulative Volume (Gal)	Time	pH (s.u.)	Temp (°C)	Cond µS/cm	Turbidity NTU	Comments
1.0	10:15	6.63	12.7	708	19	
2.0	10:20	6.69	12.9	698	16	
3.0	10:25	6.65	12.9	704	9.4	
4.0	10:30	6.62	12.9	701	9.6	

Sample Method: Peristaltic Pump **Sample Time:** 10:35

Analytical Data

Method	Qty	Container	Pres.	Method	Qty	Container	Pres.
8260D-VOC NC 02L List	3	40 ml VOAs	HCl	20B-PRLF 16 Metals; 747(	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
270E-SIM-MS-ID-1,4 Dioxan	2	250 ml A	None	353.2-Nitrite	1	250 mL P	H2SO4
SM4600 SO4- Sulfate	1	125 ml P	None				

Name	Signature	Date
(1) Rachel Moore	Rachel Moore	1/28/2026

Notes:

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

Environmental Field Report	
Date: 1 / 27 / 2026	**Job Number:** 23050630
Project Name: City of Durham Parks Northgate Park SED/SW Sampling	**Weather/Temperature:** 25°F, Sunny
Project Location: 300 W. Club Blvd & 404 W. Lavender Avenue, Durham, NC	
Notes By: ☒ ☐	**Present at the Site:** Jonathan Olanin, Brandon Governo

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

Purpose: Sample the sediment and surface water along the waterway at 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
1200	SED-1	SW-1	6.60	63.8	2.2	10.68	Low
1245	SED-2	SW-2	6.88	56.2	0.2	12.25	Low
1330	SED-3	SW-3	7.10	65.1	0.2	8.54	Mod
1415	SED-4	SW-4	7.20	73.5	1.8	12.25	Mod
1415	SED-DUP	SW-DUP	7.20	73.5	1.8	12.25	Mod
1500	SED-5	SW-5	7.03	76.2	0.5	17.50	~~Mod~~ Low JO
1545	SED-6	SW-6	6.98	78.3	2.4	7.77	Mod

Hours	Mileage	Signature of S&ME Personnel
4.5	50	Jonathan Olanin

Appendix III - Laboratory Analytical Reports and COC

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/19/2026 3:19:22 PM

JOB DESCRIPTION

Durham Parks, Northgate

JOB NUMBER

650-4774-1

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

See page two for job notes and contact information.

Eurofins Environment Testing Northern California, Air Toxics

Job Notes

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

Authorization

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

Qualifiers

Air - GC/MS VOA

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

Air - GC VOA

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

Glossary

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

Job Narrative
650-4774-1

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

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

Receipt
The samples were received on 1/29/2026 10:55 AM and 1/30/2026 11:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
Samples arrived at the laboratory in two shipments on 1/29/26 and 1/30/26. The Chain of Custody (COC) was provided with samples 825-LFGP-5, 825-LFGP-4, 825-LFGP-3 and 825-DUP-01 which were received by the laboratory on 1/29/26. The remaining samples 825-LFGP-2 (650-4774-4) and 825-LFGP-1 (650-4774-5) subsequently arrived at the laboratory on 1/30/26.

Air - GC/MS VOA
Method TO-15: All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined in the Definitions/Glossary section of this report.

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

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

Detection Summary

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

Job ID: 650-4774-1

Client Sample ID: 825-LFGP-5 — Lab Sample ID: 650-4774-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	20	6.8	ug/m3	1.711		TO-15	Total/NA
Freon 12	2.3	J	4.2	1.4	ug/m3	1.711		TO-15	Total/NA
Toluene	11		6.4	2.1	ug/m3	1.711		TO-15	Total/NA
Methane	0.00016	J	0.00017	0.000056	% v/v	1.711		D1946	Total/NA

Client Sample ID: 825-LFGP-4 — Lab Sample ID: 650-4774-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.3	J	8.6	2.9	ug/m3	1.456		TO-15	Total/NA
2-Propanol	2.7	J	7.2	2.4	ug/m3	1.456		TO-15	Total/NA
Acetone	14	J	17	5.8	ug/m3	1.456		TO-15	Total/NA
Freon 12	2.1	J	3.6	1.2	ug/m3	1.456		TO-15	Total/NA
Toluene	6.8		5.5	1.8	ug/m3	1.456		TO-15	Total/NA

Client Sample ID: 825-LFGP-3 — Lab Sample ID: 650-4774-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12	J	21	6.9	ug/m3	1.747		TO-15	Total/NA
Chloroform	2.3	J	4.3	1.5	ug/m3	1.747		TO-15	Total/NA
Ethanol	10	J	16	5.5	ug/m3	1.747		TO-15	Total/NA
Freon 12	2.2	J	4.3	1.5	ug/m3	1.747		TO-15	Total/NA
Methylene Chloride	2.0	J	6.1	2.0	ug/m3	1.747		TO-15	Total/NA
Tetrahydrofuran	0.88	J	2.6	0.88	ug/m3	1.747		TO-15	Total/NA
Toluene	16		6.6	2.2	ug/m3	1.747		TO-15	Total/NA

Client Sample ID: 825-LFGP-2 — Lab Sample ID: 650-4774-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	9.2		9.0	3.0	ug/m3	1.824		TO-15	Total/NA
Acetone	24		22	7.2	ug/m3	1.824		TO-15	Total/NA
Ethanol	33		17	5.7	ug/m3	1.824		TO-15	Total/NA
Freon 11	1.8	J	5.1	1.7	ug/m3	1.824		TO-15	Total/NA
Freon 12	2.4	J	4.5	1.5	ug/m3	1.824		TO-15	Total/NA
Hexane	1.3	J	3.2	1.1	ug/m3	1.824		TO-15	Total/NA
m,p-Xylene	3.3	J	7.9	2.6	ug/m3	1.824		TO-15	Total/NA
Methylene Chloride	2.3	J	6.3	2.1	ug/m3	1.824		TO-15	Total/NA
Styrene	1.7	J	3.9	1.3	ug/m3	1.824		TO-15	Total/NA
Toluene	35		6.9	2.3	ug/m3	1.824		TO-15	Total/NA
Methane	0.00021		0.00018	0.000060	% v/v	1.824		D1946	Total/NA

Client Sample ID: 825-LFGP-1 — Lab Sample ID: 650-4774-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.7	J	21	6.9	ug/m3	1.729		TO-15	Total/NA
Ethanol	5.6	J	16	5.4	ug/m3	1.729		TO-15	Total/NA
Freon 12	2.3	J	4.3	1.5	ug/m3	1.729		TO-15	Total/NA
Methylene Chloride	2.1	J	6.0	2.0	ug/m3	1.729		TO-15	Total/NA
Toluene	7.5		6.5	2.2	ug/m3	1.729		TO-15	Total/NA
Methane	0.00019		0.00017	0.000057	% v/v	1.729		D1946	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

Client Sample ID: 825-DUP-01
Lab Sample ID: 650-4774-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.3	J	9.6	3.2	ug/m3	1.627		TO-15	Total/NA
2-Propanol	3.4	J	8.0	2.7	ug/m3	1.627		TO-15	Total/NA
Acetone	70		19	6.5	ug/m3	1.627		TO-15	Total/NA
Chloroform	2.6	J	4.0	1.4	ug/m3	1.627		TO-15	Total/NA
cis-1,2-Dichloroethene	1.6	J	3.2	1.1	ug/m3	1.627		TO-15	Total/NA
Ethanol	10	J	15	5.1	ug/m3	1.627		TO-15	Total/NA
Freon 11	1.9	J	4.6	1.6	ug/m3	1.627		TO-15	Total/NA
Freon 12	2.4	J	4.0	1.4	ug/m3	1.627		TO-15	Total/NA
Tetrachloroethene	2.9	J	5.5	1.9	ug/m3	1.627		TO-15	Total/NA
Toluene	13		6.1	2.0	ug/m3	1.627		TO-15	Total/NA
Trichloroethene	56		4.4	1.5	ug/m3	1.627		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 650-4774-1

Client Sample ID: 825-LFGP-5

Date Collected: 01/19/26 11:04
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4774-1

Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	1.6	ug/m3			02/11/26 19:21	1.711
1,1,2,2-Tetrachloroethane	ND		5.9	2.0	ug/m3			02/11/26 19:21	1.711
1,1,2-Trichloroethane	ND		4.7	1.6	ug/m3			02/11/26 19:21	1.711
1,1-Dichloroethane	ND		3.5	1.2	ug/m3			02/11/26 19:21	1.711
1,1-Dichloroethene	ND		3.4	1.2	ug/m3			02/11/26 19:21	1.711
1,2,4-Trichlorobenzene	ND	*-	25	8.5	ug/m3			02/11/26 19:21	1.711
1,2,4-Trimethylbenzene	ND		4.2	1.4	ug/m3			02/11/26 19:21	1.711
1,2-Dibromoethane (EDB)	ND		6.6	2.2	ug/m3			02/11/26 19:21	1.711
1,2-Dichlorobenzene	ND		5.1	1.7	ug/m3			02/11/26 19:21	1.711
1,2-Dichloroethane	ND		3.5	1.2	ug/m3			02/11/26 19:21	1.711
1,2-Dichloropropane	ND		4.0	1.3	ug/m3			02/11/26 19:21	1.711
1,3,5-Trimethylbenzene	ND		4.2	1.4	ug/m3			02/11/26 19:21	1.711
1,3-Butadiene	ND		1.9	0.64	ug/m3			02/11/26 19:21	1.711
1,3-Dichlorobenzene	ND		5.1	1.7	ug/m3			02/11/26 19:21	1.711
1,4-Dichlorobenzene	ND		5.1	1.7	ug/m3			02/11/26 19:21	1.711
1,4-Dioxane	ND		6.2	2.0	ug/m3			02/11/26 19:21	1.711
2,2,4-Trimethylpentane	ND		4.0	1.4	ug/m3			02/11/26 19:21	1.711
2-Butanone (MEK)	ND		10	3.4	ug/m3			02/11/26 19:21	1.711
2-Hexanone	ND		14	4.7	ug/m3			02/11/26 19:21	1.711
2-Propanol	ND		8.4	2.8	ug/m3			02/11/26 19:21	1.711
3-Chloropropene	ND		2.7	0.91	ug/m3			02/11/26 19:21	1.711
4-Ethyltoluene	ND		4.2	1.4	ug/m3			02/11/26 19:21	1.711
4-Methyl-2-pentanone (MIBK)	ND		3.5	1.2	ug/m3			02/11/26 19:21	1.711
Acetone	**11**	**J**	20	6.8	ug/m3			02/11/26 19:21	1.711
alpha-Chlorotoluene	ND		4.4	1.5	ug/m3			02/11/26 19:21	1.711
Benzene	ND		2.7	0.93	ug/m3			02/11/26 19:21	1.711
Bromodichloromethane	ND		5.7	1.9	ug/m3			02/11/26 19:21	1.711
Bromoform	ND		8.8	3.0	ug/m3			02/11/26 19:21	1.711
Bromomethane	ND		6.6	2.2	ug/m3			02/11/26 19:21	1.711
Carbon disulfide	ND		11	3.6	ug/m3			02/11/26 19:21	1.711
Carbon tetrachloride	ND		5.4	1.8	ug/m3			02/11/26 19:21	1.711
Chlorobenzene	ND		3.9	1.3	ug/m3			02/11/26 19:21	1.711
Chloroethane	ND		9.0	3.0	ug/m3			02/11/26 19:21	1.711
Chloroform	ND		4.2	1.4	ug/m3			02/11/26 19:21	1.711
Chloromethane	ND		18	5.9	ug/m3			02/11/26 19:21	1.711
cis-1,2-Dichloroethene	ND		3.4	1.2	ug/m3			02/11/26 19:21	1.711
cis-1,3-Dichloropropene	ND		3.9	1.3	ug/m3			02/11/26 19:21	1.711
Cumene	ND		4.2	1.4	ug/m3			02/11/26 19:21	1.711
Cyclohexane	ND		2.9	1.0	ug/m3			02/11/26 19:21	1.711
Dibromochloromethane	ND		7.3	2.5	ug/m3			02/11/26 19:21	1.711
Ethanol	ND		16	5.4	ug/m3			02/11/26 19:21	1.711
Ethylbenzene	ND		3.7	1.3	ug/m3			02/11/26 19:21	1.711
Freon 11	ND		4.8	1.6	ug/m3			02/11/26 19:21	1.711
Freon 113	ND		6.6	2.2	ug/m3			02/11/26 19:21	1.711
Freon 12	**2.3**	**J**	4.2	1.4	ug/m3			02/11/26 19:21	1.711
Freon-114	ND		6.0	2.0	ug/m3			02/11/26 19:21	1.711
Heptane	ND		3.5	1.2	ug/m3			02/11/26 19:21	1.711
Hexachlorobutadiene	ND		36	12	ug/m3			02/11/26 19:21	1.711

Client Sample ID: 825-LFGP-5
Lab Sample ID: 650-4774-1

Date Collected: 01/19/26 11:04
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		3.0	1.0	ug/m3			02/11/26 19:21	1.711
m,p-Xylene	ND		7.4	2.5	ug/m3			02/11/26 19:21	1.711
Methyl tert-butyl ether	ND		12	4.1	ug/m3			02/11/26 19:21	1.711
Methylene Chloride	ND		5.9	2.0	ug/m3			02/11/26 19:21	1.711
Naphthalene	ND		9.0	1.5	ug/m3			02/11/26 19:21	1.711
o-Xylene	ND		3.7	1.3	ug/m3			02/11/26 19:21	1.711
Propylbenzene	ND		4.2	1.4	ug/m3			02/11/26 19:21	1.711
Styrene	ND		3.6	1.2	ug/m3			02/11/26 19:21	1.711
Tetrachloroethene	ND		5.8	2.0	ug/m3			02/11/26 19:21	1.711
Tetrahydrofuran	ND		2.5	0.86	ug/m3			02/11/26 19:21	1.711
Toluene	**11**		6.4	2.1	ug/m3			02/11/26 19:21	1.711
trans-1,2-Dichloroethene	ND		3.4	1.2	ug/m3			02/11/26 19:21	1.711
trans-1,3-Dichloropropene	ND		3.9	1.3	ug/m3			02/11/26 19:21	1.711
Trichloroethene	ND		4.6	1.6	ug/m3			02/11/26 19:21	1.711
Vinyl chloride	ND		2.2	0.74	ug/m3			02/11/26 19:21	1.711

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/11/26 19:21*	*1.711*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*02/11/26 19:21*	*1.711*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/11/26 19:21*	*1.711*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00016**	**J**	0.00017	0.000056	% v/v			02/14/26 11:16	1.711

Client Sample ID: 825-LFGP-4
Lab Sample ID: 650-4774-2

Date Collected: 01/19/26 11:24
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 19:50	1.456
1,1,2,2-Tetrachloroethane	ND		5.0	1.7	ug/m3			02/11/26 19:50	1.456
1,1,2-Trichloroethane	ND		4.0	1.4	ug/m3			02/11/26 19:50	1.456
1,1-Dichloroethane	ND		2.9	1.0	ug/m3			02/11/26 19:50	1.456
1,1-Dichloroethene	ND		2.9	0.98	ug/m3			02/11/26 19:50	1.456
1,2,4-Trichlorobenzene	ND	*-	22	7.2	ug/m3			02/11/26 19:50	1.456
1,2,4-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 19:50	1.456
1,2-Dibromoethane (EDB)	ND		5.6	1.9	ug/m3			02/11/26 19:50	1.456
1,2-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 19:50	1.456
1,2-Dichloroethane	ND		2.9	1.0	ug/m3			02/11/26 19:50	1.456
1,2-Dichloropropane	ND		3.4	1.1	ug/m3			02/11/26 19:50	1.456
1,3,5-Trimethylbenzene	ND		3.6	1.2	ug/m3			02/11/26 19:50	1.456
1,3-Butadiene	ND		1.6	0.55	ug/m3			02/11/26 19:50	1.456
1,3-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 19:50	1.456
1,4-Dichlorobenzene	ND		4.4	1.5	ug/m3			02/11/26 19:50	1.456
1,4-Dioxane	ND		5.2	1.7	ug/m3			02/11/26 19:50	1.456
2,2,4-Trimethylpentane	ND		3.4	1.2	ug/m3			02/11/26 19:50	1.456

Client Sample ID: 825-LFGP-4
Lab Sample ID: 650-4774-2
Date Collected: 01/19/26 11:24
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	**3.3**	**J**	8.6	2.9	ug/m3			02/11/26 19:50	1.456
2-Hexanone	ND		12	4.0	ug/m3			02/11/26 19:50	1.456
2-Propanol	**2.7**	**J**	7.2	2.4	ug/m3			02/11/26 19:50	1.456
3-Chloropropene	ND		2.3	0.77	ug/m3			02/11/26 19:50	1.456
4-Ethyltoluene	ND		3.6	1.2	ug/m3			02/11/26 19:50	1.456
4-Methyl-2-pentanone (MIBK)	ND		3.0	1.0	ug/m3			02/11/26 19:50	1.456
Acetone	**14**	**J**	17	5.8	ug/m3			02/11/26 19:50	1.456
alpha-Chlorotoluene	ND		3.8	1.3	ug/m3			02/11/26 19:50	1.456
Benzene	ND		2.3	0.79	ug/m3			02/11/26 19:50	1.456
Bromodichloromethane	ND		4.9	1.7	ug/m3			02/11/26 19:50	1.456
Bromoform	ND		7.5	2.6	ug/m3			02/11/26 19:50	1.456
Bromomethane	ND		5.7	1.9	ug/m3			02/11/26 19:50	1.456
Carbon disulfide	ND		9.1	3.0	ug/m3			02/11/26 19:50	1.456
Carbon tetrachloride	ND		4.6	1.6	ug/m3			02/11/26 19:50	1.456
Chlorobenzene	ND		3.4	1.1	ug/m3			02/11/26 19:50	1.456
Chloroethane	ND		7.7	2.6	ug/m3			02/11/26 19:50	1.456
Chloroform	ND		3.6	1.2	ug/m3			02/11/26 19:50	1.456
Chloromethane	ND		15	5.0	ug/m3			02/11/26 19:50	1.456
cis-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			02/11/26 19:50	1.456
cis-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/11/26 19:50	1.456
Cumene	ND		3.6	1.2	ug/m3			02/11/26 19:50	1.456
Cyclohexane	ND		2.5	0.85	ug/m3			02/11/26 19:50	1.456
Dibromochloromethane	ND		6.2	2.1	ug/m3			02/11/26 19:50	1.456
Ethanol	ND		14	4.6	ug/m3			02/11/26 19:50	1.456
Ethylbenzene	ND		3.2	1.1	ug/m3			02/11/26 19:50	1.456
Freon 11	ND		4.1	1.4	ug/m3			02/11/26 19:50	1.456
Freon 113	ND		5.6	1.9	ug/m3			02/11/26 19:50	1.456
Freon 12	**2.1**	**J**	3.6	1.2	ug/m3			02/11/26 19:50	1.456
Freon-114	ND		5.1	1.7	ug/m3			02/11/26 19:50	1.456
Heptane	ND		3.0	1.0	ug/m3			02/11/26 19:50	1.456
Hexachlorobutadiene	ND		31	10	ug/m3			02/11/26 19:50	1.456
Hexane	ND		2.6	0.87	ug/m3			02/11/26 19:50	1.456
m,p-Xylene	ND		6.3	2.1	ug/m3			02/11/26 19:50	1.456
Methyl tert-butyl ether	ND		10	3.5	ug/m3			02/11/26 19:50	1.456
Methylene Chloride	ND		5.1	1.7	ug/m3			02/11/26 19:50	1.456
Naphthalene	ND		7.6	1.3	ug/m3			02/11/26 19:50	1.456
o-Xylene	ND		3.2	1.1	ug/m3			02/11/26 19:50	1.456
Propylbenzene	ND		3.6	1.2	ug/m3			02/11/26 19:50	1.456
Styrene	ND		3.1	1.1	ug/m3			02/11/26 19:50	1.456
Tetrachloroethene	ND		4.9	1.7	ug/m3			02/11/26 19:50	1.456
Tetrahydrofuran	ND		2.1	0.73	ug/m3			02/11/26 19:50	1.456
Toluene	**6.8**		5.5	1.8	ug/m3			02/11/26 19:50	1.456
trans-1,2-Dichloroethene	ND		2.9	0.98	ug/m3			02/11/26 19:50	1.456
trans-1,3-Dichloropropene	ND		3.3	1.1	ug/m3			02/11/26 19:50	1.456
Trichloroethene	ND		3.9	1.3	ug/m3			02/11/26 19:50	1.456
Vinyl chloride	ND		1.9	0.63	ug/m3			02/11/26 19:50	1.456

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*02/11/26 19:50*	*1.456*

Client Sample ID: 825-LFGP-4

Lab Sample ID: 650-4774-2

Date Collected: 01/19/26 11:24
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*02/11/26 19:50*	*1.456*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/11/26 19:50*	*1.456*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00015	0.000048	% v/v			02/14/26 11:38	1.456

Client Sample ID: 825-LFGP-3

Lab Sample ID: 650-4774-3

Date Collected: 01/19/26 11:06
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L - Ambient

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	1.6	ug/m3			02/11/26 20:18	1.747
1,1,2,2-Tetrachloroethane	ND		6.0	2.0	ug/m3			02/11/26 20:18	1.747
1,1,2-Trichloroethane	ND		4.8	1.6	ug/m3			02/11/26 20:18	1.747
1,1-Dichloroethane	ND		3.5	1.2	ug/m3			02/11/26 20:18	1.747
1,1-Dichloroethene	ND		3.5	1.2	ug/m3			02/11/26 20:18	1.747
1,2,4-Trichlorobenzene	ND	*-	26	8.7	ug/m3			02/11/26 20:18	1.747
1,2,4-Trimethylbenzene	ND		4.3	1.5	ug/m3			02/11/26 20:18	1.747
1,2-Dibromoethane (EDB)	ND		6.7	2.3	ug/m3			02/11/26 20:18	1.747
1,2-Dichlorobenzene	ND		5.3	1.8	ug/m3			02/11/26 20:18	1.747
1,2-Dichloroethane	ND		3.5	1.2	ug/m3			02/11/26 20:18	1.747
1,2-Dichloropropane	ND		4.0	1.4	ug/m3			02/11/26 20:18	1.747
1,3,5-Trimethylbenzene	ND		4.3	1.5	ug/m3			02/11/26 20:18	1.747
1,3-Butadiene	ND		1.9	0.66	ug/m3			02/11/26 20:18	1.747
1,3-Dichlorobenzene	ND		5.3	1.8	ug/m3			02/11/26 20:18	1.747
1,4-Dichlorobenzene	ND		5.3	1.8	ug/m3			02/11/26 20:18	1.747
1,4-Dioxane	ND		6.3	2.1	ug/m3			02/11/26 20:18	1.747
2,2,4-Trimethylpentane	ND		4.1	1.4	ug/m3			02/11/26 20:18	1.747
2-Butanone (MEK)	ND		10	3.5	ug/m3			02/11/26 20:18	1.747
2-Hexanone	ND		14	4.8	ug/m3			02/11/26 20:18	1.747
2-Propanol	ND		8.6	2.9	ug/m3			02/11/26 20:18	1.747
3-Chloropropene	ND		2.7	0.93	ug/m3			02/11/26 20:18	1.747
4-Ethyltoluene	ND		4.3	1.5	ug/m3			02/11/26 20:18	1.747
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.2	ug/m3			02/11/26 20:18	1.747
Acetone	**12**	**J**	21	6.9	ug/m3			02/11/26 20:18	1.747
alpha-Chlorotoluene	ND		4.5	1.5	ug/m3			02/11/26 20:18	1.747
Benzene	ND		2.8	0.95	ug/m3			02/11/26 20:18	1.747
Bromodichloromethane	ND		5.9	2.0	ug/m3			02/11/26 20:18	1.747
Bromoform	ND		9.0	3.1	ug/m3			02/11/26 20:18	1.747
Bromomethane	ND		6.8	2.2	ug/m3			02/11/26 20:18	1.747
Carbon disulfide	ND		11	3.6	ug/m3			02/11/26 20:18	1.747
Carbon tetrachloride	ND		5.5	1.9	ug/m3			02/11/26 20:18	1.747
Chlorobenzene	ND		4.0	1.4	ug/m3			02/11/26 20:18	1.747
Chloroethane	ND		9.2	3.1	ug/m3			02/11/26 20:18	1.747
Chloroform	**2.3**	**J**	4.3	1.5	ug/m3			02/11/26 20:18	1.747
Chloromethane	ND		18	6.0	ug/m3			02/11/26 20:18	1.747

Client Sample ID: 825-LFGP-3
Lab Sample ID: 650-4774-3
Date Collected: 01/19/26 11:06
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L - Ambient

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			02/11/26 20:18	1.747
cis-1,3-Dichloropropene	ND		4.0	1.3	ug/m3			02/11/26 20:18	1.747
Cumene	ND		4.3	1.5	ug/m3			02/11/26 20:18	1.747
Cyclohexane	ND		3.0	1.0	ug/m3			02/11/26 20:18	1.747
Dibromochloromethane	ND		7.4	2.5	ug/m3			02/11/26 20:18	1.747
Ethanol	**10**	**J**	16	5.5	ug/m3			02/11/26 20:18	1.747
Ethylbenzene	ND		3.8	1.3	ug/m3			02/11/26 20:18	1.747
Freon 11	ND		4.9	1.7	ug/m3			02/11/26 20:18	1.747
Freon 113	ND		6.7	2.3	ug/m3			02/11/26 20:18	1.747
Freon 12	**2.2**	**J**	4.3	1.5	ug/m3			02/11/26 20:18	1.747
Freon-114	ND		6.1	2.1	ug/m3			02/11/26 20:18	1.747
Heptane	ND		3.6	1.2	ug/m3			02/11/26 20:18	1.747
Hexachlorobutadiene	ND		37	12	ug/m3			02/11/26 20:18	1.747
Hexane	ND		3.1	1.0	ug/m3			02/11/26 20:18	1.747
m,p-Xylene	ND		7.6	2.5	ug/m3			02/11/26 20:18	1.747
Methyl tert-butyl ether	ND		13	4.2	ug/m3			02/11/26 20:18	1.747
Methylene Chloride	**2.0**	**J**	6.1	2.0	ug/m3			02/11/26 20:18	1.747
Naphthalene	ND		9.2	1.6	ug/m3			02/11/26 20:18	1.747
o-Xylene	ND		3.8	1.3	ug/m3			02/11/26 20:18	1.747
Propylbenzene	ND		4.3	1.5	ug/m3			02/11/26 20:18	1.747
Styrene	ND		3.7	1.3	ug/m3			02/11/26 20:18	1.747
Tetrachloroethene	ND		5.9	2.0	ug/m3			02/11/26 20:18	1.747
Tetrahydrofuran	**0.88**	**J**	2.6	0.88	ug/m3			02/11/26 20:18	1.747
Toluene	**16**		6.6	2.2	ug/m3			02/11/26 20:18	1.747
trans-1,2-Dichloroethene	ND		3.5	1.2	ug/m3			02/11/26 20:18	1.747
trans-1,3-Dichloropropene	ND		4.0	1.3	ug/m3			02/11/26 20:18	1.747
Trichloroethene	ND		4.7	1.6	ug/m3			02/11/26 20:18	1.747
Vinyl chloride	ND		2.2	0.76	ug/m3			02/11/26 20:18	1.747

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*02/11/26 20:18*	*1.747*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/11/26 20:18*	*1.747*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/11/26 20:18*	*1.747*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00017	0.000058	% v/v			02/14/26 12:27	1.747

Client Sample ID: 825-LFGP-2
Lab Sample ID: 650-4774-4
Date Collected: 01/19/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.7	ug/m3			02/11/26 20:47	1.824
1,1,2,2-Tetrachloroethane	ND		6.3	2.1	ug/m3			02/11/26 20:47	1.824
1,1,2-Trichloroethane	ND		5.0	1.7	ug/m3			02/11/26 20:47	1.824
1,1-Dichloroethane	ND		3.7	1.3	ug/m3			02/11/26 20:47	1.824

Client Sample ID: 825-LFGP-2
Lab Sample ID: 650-4774-4

Date Collected: 01/19/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		3.6	1.2	ug/m3			02/11/26 20:47	1.824
1,2,4-Trichlorobenzene	ND	*-	27	9.1	ug/m3			02/11/26 20:47	1.824
1,2,4-Trimethylbenzene	ND		4.5	1.5	ug/m3			02/11/26 20:47	1.824
1,2-Dibromoethane (EDB)	ND		7.0	2.4	ug/m3			02/11/26 20:47	1.824
1,2-Dichlorobenzene	ND		5.5	1.9	ug/m3			02/11/26 20:47	1.824
1,2-Dichloroethane	ND		3.7	1.3	ug/m3			02/11/26 20:47	1.824
1,2-Dichloropropane	ND		4.2	1.4	ug/m3			02/11/26 20:47	1.824
1,3,5-Trimethylbenzene	ND		4.5	1.5	ug/m3			02/11/26 20:47	1.824
1,3-Butadiene	ND		2.0	0.69	ug/m3			02/11/26 20:47	1.824
1,3-Dichlorobenzene	ND		5.5	1.9	ug/m3			02/11/26 20:47	1.824
1,4-Dichlorobenzene	ND		5.5	1.9	ug/m3			02/11/26 20:47	1.824
1,4-Dioxane	ND		6.6	2.2	ug/m3			02/11/26 20:47	1.824
2,2,4-Trimethylpentane	ND		4.3	1.4	ug/m3			02/11/26 20:47	1.824
2-Butanone (MEK)	ND		11	3.6	ug/m3			02/11/26 20:47	1.824
2-Hexanone	ND		15	5.0	ug/m3			02/11/26 20:47	1.824
2-Propanol	**9.2**		9.0	3.0	ug/m3			02/11/26 20:47	1.824
3-Chloropropene	ND		2.9	0.97	ug/m3			02/11/26 20:47	1.824
4-Ethyltoluene	ND		4.5	1.5	ug/m3			02/11/26 20:47	1.824
4-Methyl-2-pentanone (MIBK)	ND		3.7	1.3	ug/m3			02/11/26 20:47	1.824
Acetone	**24**		22	7.2	ug/m3			02/11/26 20:47	1.824
alpha-Chlorotoluene	ND		4.7	1.6	ug/m3			02/11/26 20:47	1.824
Benzene	ND		2.9	0.99	ug/m3			02/11/26 20:47	1.824
Bromodichloromethane	ND		6.1	2.1	ug/m3			02/11/26 20:47	1.824
Bromoform	ND		9.4	3.2	ug/m3			02/11/26 20:47	1.824
Bromomethane	ND		7.1	2.3	ug/m3			02/11/26 20:47	1.824
Carbon disulfide	ND		11	3.8	ug/m3			02/11/26 20:47	1.824
Carbon tetrachloride	ND		5.7	2.0	ug/m3			02/11/26 20:47	1.824
Chlorobenzene	ND		4.2	1.4	ug/m3			02/11/26 20:47	1.824
Chloroethane	ND		9.6	3.2	ug/m3			02/11/26 20:47	1.824
Chloroform	ND		4.5	1.5	ug/m3			02/11/26 20:47	1.824
Chloromethane	ND		19	6.3	ug/m3			02/11/26 20:47	1.824
cis-1,2-Dichloroethene	ND		3.6	1.2	ug/m3			02/11/26 20:47	1.824
cis-1,3-Dichloropropene	ND		4.1	1.4	ug/m3			02/11/26 20:47	1.824
Cumene	ND		4.5	1.5	ug/m3			02/11/26 20:47	1.824
Cyclohexane	ND		3.1	1.1	ug/m3			02/11/26 20:47	1.824
Dibromochloromethane	ND		7.8	2.6	ug/m3			02/11/26 20:47	1.824
Ethanol	**33**		17	5.7	ug/m3			02/11/26 20:47	1.824
Ethylbenzene	ND		4.0	1.3	ug/m3			02/11/26 20:47	1.824
Freon 11	**1.8**	**J**	5.1	1.7	ug/m3			02/11/26 20:47	1.824
Freon 113	ND		7.0	2.4	ug/m3			02/11/26 20:47	1.824
Freon 12	**2.4**	**J**	4.5	1.5	ug/m3			02/11/26 20:47	1.824
Freon-114	ND		6.4	2.2	ug/m3			02/11/26 20:47	1.824
Heptane	ND		3.7	1.3	ug/m3			02/11/26 20:47	1.824
Hexachlorobutadiene	ND		39	13	ug/m3			02/11/26 20:47	1.824
Hexane	**1.3**	**J**	3.2	1.1	ug/m3			02/11/26 20:47	1.824
m,p-Xylene	**3.3**	**J**	7.9	2.6	ug/m3			02/11/26 20:47	1.824
Methyl tert-butyl ether	ND		13	4.4	ug/m3			02/11/26 20:47	1.824
Methylene Chloride	**2.3**	**J**	6.3	2.1	ug/m3			02/11/26 20:47	1.824

Client Sample ID: 825-LFGP-2
Lab Sample ID: 650-4774-4

Date Collected: 01/19/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.6	1.6	ug/m3			02/11/26 20:47	1.824
o-Xylene	ND		4.0	1.3	ug/m3			02/11/26 20:47	1.824
Propylbenzene	ND		4.5	1.5	ug/m3			02/11/26 20:47	1.824
Styrene	**1.7**	**J**	3.9	1.3	ug/m3			02/11/26 20:47	1.824
Tetrachloroethene	ND		6.2	2.1	ug/m3			02/11/26 20:47	1.824
Tetrahydrofuran	ND		2.7	0.91	ug/m3			02/11/26 20:47	1.824
Toluene	**35**		6.9	2.3	ug/m3			02/11/26 20:47	1.824
trans-1,2-Dichloroethene	ND		3.6	1.2	ug/m3			02/11/26 20:47	1.824
trans-1,3-Dichloropropene	ND		4.1	1.4	ug/m3			02/11/26 20:47	1.824
Trichloroethene	ND		4.9	1.7	ug/m3			02/11/26 20:47	1.824
Vinyl chloride	ND		2.3	0.79	ug/m3			02/11/26 20:47	1.824

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*02/11/26 20:47*	*1.824*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/11/26 20:47*	*1.824*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/11/26 20:47*	*1.824*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00021**		0.00018	0.000060	% v/v			02/14/26 12:54	1.824

Client Sample ID: 825-LFGP-1
Lab Sample ID: 650-4774-5

Date Collected: 01/19/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	1.6	ug/m3			02/11/26 21:15	1.729
1,1,2,2-Tetrachloroethane	ND		5.9	2.0	ug/m3			02/11/26 21:15	1.729
1,1,2-Trichloroethane	ND		4.7	1.6	ug/m3			02/11/26 21:15	1.729
1,1-Dichloroethane	ND		3.5	1.2	ug/m3			02/11/26 21:15	1.729
1,1-Dichloroethene	ND		3.4	1.2	ug/m3			02/11/26 21:15	1.729
1,2,4-Trichlorobenzene	ND	*-	26	8.6	ug/m3			02/11/26 21:15	1.729
1,2,4-Trimethylbenzene	ND		4.3	1.4	ug/m3			02/11/26 21:15	1.729
1,2-Dibromoethane (EDB)	ND		6.6	2.3	ug/m3			02/11/26 21:15	1.729
1,2-Dichlorobenzene	ND		5.2	1.8	ug/m3			02/11/26 21:15	1.729
1,2-Dichloroethane	ND		3.5	1.2	ug/m3			02/11/26 21:15	1.729
1,2-Dichloropropane	ND		4.0	1.4	ug/m3			02/11/26 21:15	1.729
1,3,5-Trimethylbenzene	ND		4.3	1.4	ug/m3			02/11/26 21:15	1.729
1,3-Butadiene	ND		1.9	0.65	ug/m3			02/11/26 21:15	1.729
1,3-Dichlorobenzene	ND		5.2	1.8	ug/m3			02/11/26 21:15	1.729
1,4-Dichlorobenzene	ND		5.2	1.8	ug/m3			02/11/26 21:15	1.729
1,4-Dioxane	ND		6.2	2.1	ug/m3			02/11/26 21:15	1.729
2,2,4-Trimethylpentane	ND		4.0	1.4	ug/m3			02/11/26 21:15	1.729
2-Butanone (MEK)	ND		10	3.4	ug/m3			02/11/26 21:15	1.729
2-Hexanone	ND		14	4.7	ug/m3			02/11/26 21:15	1.729
2-Propanol	ND		8.5	2.8	ug/m3			02/11/26 21:15	1.729
3-Chloropropene	ND		2.7	0.92	ug/m3			02/11/26 21:15	1.729

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

Client Sample ID: 825-LFGP-1
Lab Sample ID: 650-4774-5
Date Collected: 01/19/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		4.3	1.4	ug/m3			02/11/26 21:15	1.729
4-Methyl-2-pentanone (MIBK)	ND		3.5	1.2	ug/m3			02/11/26 21:15	1.729
Acetone	**9.7**	**J**	21	6.9	ug/m3			02/11/26 21:15	1.729
alpha-Chlorotoluene	ND		4.5	1.5	ug/m3			02/11/26 21:15	1.729
Benzene	ND		2.8	0.94	ug/m3			02/11/26 21:15	1.729
Bromodichloromethane	ND		5.8	2.0	ug/m3			02/11/26 21:15	1.729
Bromoform	ND		8.9	3.0	ug/m3			02/11/26 21:15	1.729
Bromomethane	ND		6.7	2.2	ug/m3			02/11/26 21:15	1.729
Carbon disulfide	ND		11	3.6	ug/m3			02/11/26 21:15	1.729
Carbon tetrachloride	ND		5.4	1.8	ug/m3			02/11/26 21:15	1.729
Chlorobenzene	ND		4.0	1.4	ug/m3			02/11/26 21:15	1.729
Chloroethane	ND		9.1	3.1	ug/m3			02/11/26 21:15	1.729
Chloroform	ND		4.2	1.4	ug/m3			02/11/26 21:15	1.729
Chloromethane	ND		18	6.0	ug/m3			02/11/26 21:15	1.729
cis-1,2-Dichloroethene	ND		3.4	1.2	ug/m3			02/11/26 21:15	1.729
cis-1,3-Dichloropropene	ND		3.9	1.3	ug/m3			02/11/26 21:15	1.729
Cumene	ND		4.2	1.4	ug/m3			02/11/26 21:15	1.729
Cyclohexane	ND		3.0	1.0	ug/m3			02/11/26 21:15	1.729
Dibromochloromethane	ND		7.4	2.5	ug/m3			02/11/26 21:15	1.729
Ethanol	**5.6**	**J**	16	5.4	ug/m3			02/11/26 21:15	1.729
Ethylbenzene	ND		3.8	1.3	ug/m3			02/11/26 21:15	1.729
Freon 11	ND		4.9	1.7	ug/m3			02/11/26 21:15	1.729
Freon 113	ND		6.6	2.3	ug/m3			02/11/26 21:15	1.729
Freon 12	**2.3**	**J**	4.3	1.5	ug/m3			02/11/26 21:15	1.729
Freon-114	ND		6.0	2.1	ug/m3			02/11/26 21:15	1.729
Heptane	ND		3.5	1.2	ug/m3			02/11/26 21:15	1.729
Hexachlorobutadiene	ND		37	12	ug/m3			02/11/26 21:15	1.729
Hexane	ND		3.0	1.0	ug/m3			02/11/26 21:15	1.729
m,p-Xylene	ND		7.5	2.5	ug/m3			02/11/26 21:15	1.729
Methyl tert-butyl ether	ND		12	4.2	ug/m3			02/11/26 21:15	1.729
Methylene Chloride	**2.1**	**J**	6.0	2.0	ug/m3			02/11/26 21:15	1.729
Naphthalene	ND		9.1	1.5	ug/m3			02/11/26 21:15	1.729
o-Xylene	ND		3.8	1.3	ug/m3			02/11/26 21:15	1.729
Propylbenzene	ND		4.2	1.4	ug/m3			02/11/26 21:15	1.729
Styrene	ND		3.7	1.3	ug/m3			02/11/26 21:15	1.729
Tetrachloroethene	ND		5.9	2.0	ug/m3			02/11/26 21:15	1.729
Tetrahydrofuran	ND		2.5	0.87	ug/m3			02/11/26 21:15	1.729
Toluene	**7.5**		6.5	2.2	ug/m3			02/11/26 21:15	1.729
trans-1,2-Dichloroethene	ND		3.4	1.2	ug/m3			02/11/26 21:15	1.729
trans-1,3-Dichloropropene	ND		3.9	1.3	ug/m3			02/11/26 21:15	1.729
Trichloroethene	ND		4.6	1.6	ug/m3			02/11/26 21:15	1.729
Vinyl chloride	ND		2.2	0.75	ug/m3			02/11/26 21:15	1.729

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*02/11/26 21:15*	*1.729*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/11/26 21:15*	*1.729*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/11/26 21:15*	*1.729*

Client Sample ID: 825-LFGP-1
Lab Sample ID: 650-4774-5

Date Collected: 01/19/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**0.00019**		0.00017	0.000057	% v/v			02/14/26 13:19	1.729

Client Sample ID: 825-DUP-01
Lab Sample ID: 650-4774-6

Date Collected: 01/19/26 11:06
Matrix: Air
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	1.5	ug/m3			02/11/26 21:44	1.627
1,1,2,2-Tetrachloroethane	ND		5.6	1.9	ug/m3			02/11/26 21:44	1.627
1,1,2-Trichloroethane	ND		4.4	1.5	ug/m3			02/11/26 21:44	1.627
1,1-Dichloroethane	ND		3.3	1.1	ug/m3			02/11/26 21:44	1.627
1,1-Dichloroethene	ND		3.2	1.1	ug/m3			02/11/26 21:44	1.627
1,2,4-Trichlorobenzene	ND	*-	24	8.1	ug/m3			02/11/26 21:44	1.627
1,2,4-Trimethylbenzene	ND		4.0	1.4	ug/m3			02/11/26 21:44	1.627
1,2-Dibromoethane (EDB)	ND		6.3	2.1	ug/m3			02/11/26 21:44	1.627
1,2-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/11/26 21:44	1.627
1,2-Dichloroethane	ND		3.3	1.1	ug/m3			02/11/26 21:44	1.627
1,2-Dichloropropane	ND		3.8	1.3	ug/m3			02/11/26 21:44	1.627
1,3,5-Trimethylbenzene	ND		4.0	1.4	ug/m3			02/11/26 21:44	1.627
1,3-Butadiene	ND		1.8	0.61	ug/m3			02/11/26 21:44	1.627
1,3-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/11/26 21:44	1.627
1,4-Dichlorobenzene	ND		4.9	1.7	ug/m3			02/11/26 21:44	1.627
1,4-Dioxane	ND		5.9	1.9	ug/m3			02/11/26 21:44	1.627
2,2,4-Trimethylpentane	ND		3.8	1.3	ug/m3			02/11/26 21:44	1.627
2-Butanone (MEK)	**5.3**	**J**	9.6	3.2	ug/m3			02/11/26 21:44	1.627
2-Hexanone	ND		13	4.5	ug/m3			02/11/26 21:44	1.627
2-Propanol	**3.4**	**J**	8.0	2.7	ug/m3			02/11/26 21:44	1.627
3-Chloropropene	ND		2.5	0.87	ug/m3			02/11/26 21:44	1.627
4-Ethyltoluene	ND		4.0	1.4	ug/m3			02/11/26 21:44	1.627
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.1	ug/m3			02/11/26 21:44	1.627
Acetone	**70**		19	6.5	ug/m3			02/11/26 21:44	1.627
alpha-Chlorotoluene	ND		4.2	1.4	ug/m3			02/11/26 21:44	1.627
Benzene	ND		2.6	0.88	ug/m3			02/11/26 21:44	1.627
Bromodichloromethane	ND		5.5	1.9	ug/m3			02/11/26 21:44	1.627
Bromoform	ND		8.4	2.9	ug/m3			02/11/26 21:44	1.627
Bromomethane	ND		6.3	2.1	ug/m3			02/11/26 21:44	1.627
Carbon disulfide	ND		10	3.4	ug/m3			02/11/26 21:44	1.627
Carbon tetrachloride	ND		5.1	1.7	ug/m3			02/11/26 21:44	1.627
Chlorobenzene	ND		3.7	1.3	ug/m3			02/11/26 21:44	1.627
Chloroethane	ND		8.6	2.9	ug/m3			02/11/26 21:44	1.627
Chloroform	**2.6**	**J**	4.0	1.4	ug/m3			02/11/26 21:44	1.627
Chloromethane	ND		17	5.6	ug/m3			02/11/26 21:44	1.627
cis-1,2-Dichloroethene	**1.6**	**J**	3.2	1.1	ug/m3			02/11/26 21:44	1.627
cis-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/11/26 21:44	1.627
Cumene	ND		4.0	1.4	ug/m3			02/11/26 21:44	1.627
Cyclohexane	ND		2.8	0.95	ug/m3			02/11/26 21:44	1.627
Dibromochloromethane	ND		6.9	2.4	ug/m3			02/11/26 21:44	1.627

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

Job ID: 650-4774-1

Client Sample ID: 825-DUP-01
Date Collected: 01/19/26 11:06
Date Received: 01/29/26 10:55
Sample Container: Summa Canister 6L

Lab Sample ID: 650-4774-6
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	**10**	**J**	15	5.1	ug/m3			02/11/26 21:44	1.627
Ethylbenzene	ND		3.5	1.2	ug/m3			02/11/26 21:44	1.627
Freon 11	**1.9**	**J**	4.6	1.6	ug/m3			02/11/26 21:44	1.627
Freon 113	ND		6.2	2.1	ug/m3			02/11/26 21:44	1.627
Freon 12	**2.4**	**J**	4.0	1.4	ug/m3			02/11/26 21:44	1.627
Freon-114	ND		5.7	1.9	ug/m3			02/11/26 21:44	1.627
Heptane	ND		3.3	1.1	ug/m3			02/11/26 21:44	1.627
Hexachlorobutadiene	ND		35	12	ug/m3			02/11/26 21:44	1.627
Hexane	ND		2.9	0.97	ug/m3			02/11/26 21:44	1.627
m,p-Xylene	ND		7.1	2.3	ug/m3			02/11/26 21:44	1.627
Methyl tert-butyl ether	ND		12	3.9	ug/m3			02/11/26 21:44	1.627
Methylene Chloride	ND		5.7	1.9	ug/m3			02/11/26 21:44	1.627
Naphthalene	ND		8.5	1.4	ug/m3			02/11/26 21:44	1.627
o-Xylene	ND		3.5	1.2	ug/m3			02/11/26 21:44	1.627
Propylbenzene	ND		4.0	1.4	ug/m3			02/11/26 21:44	1.627
Styrene	ND		3.5	1.2	ug/m3			02/11/26 21:44	1.627
Tetrachloroethene	**2.9**	**J**	5.5	1.9	ug/m3			02/11/26 21:44	1.627
Tetrahydrofuran	ND		2.4	0.82	ug/m3			02/11/26 21:44	1.627
Toluene	**13**		6.1	2.0	ug/m3			02/11/26 21:44	1.627
trans-1,2-Dichloroethene	ND		3.2	1.1	ug/m3			02/11/26 21:44	1.627
trans-1,3-Dichloropropene	ND		3.7	1.3	ug/m3			02/11/26 21:44	1.627
Trichloroethene	**56**		4.4	1.5	ug/m3			02/11/26 21:44	1.627
Vinyl chloride	ND		2.1	0.71	ug/m3			02/11/26 21:44	1.627

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*02/11/26 21:44*	*1.627*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*02/11/26 21:44*	*1.627*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/11/26 21:44*	*1.627*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00016	0.000054	% v/v			02/14/26 13:42	1.627

Surrogate Summary

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
650-4774-1	825-LFGP-5	102	99	102
650-4774-2	825-LFGP-4	101	99	101
650-4774-3	825-LFGP-3	101	98	100
650-4774-4	825-LFGP-2	102	100	101
650-4774-5	825-LFGP-1	103	100	102
650-4774-6	825-DUP-01	99	98	102
LCS 650-10420/4	Lab Control Sample	101	102	101
LCSD 650-10420/5	Lab Control Sample Dup	100	100	101
MB 650-10420/6	Method Blank	101	100	101

Surrogate Legend

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

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

Job ID: 650-4774-1

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

Lab Sample ID: MB 650-10420/6
Matrix: Air
Analysis Batch: 10420

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 11:47	1
1,1,2,2-Tetrachloroethane	ND		3.4	1.2	ug/m3			02/11/26 11:47	1
1,1,2-Trichloroethane	ND		2.7	0.93	ug/m3			02/11/26 11:47	1
1,1-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 11:47	1
1,1-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 11:47	1
1,2,4-Trichlorobenzene	ND		15	5.0	ug/m3			02/11/26 11:47	1
1,2,4-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 11:47	1
1,2-Dibromoethane (EDB)	ND		3.8	1.3	ug/m3			02/11/26 11:47	1
1,2-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 11:47	1
1,2-Dichloroethane	ND		2.0	0.69	ug/m3			02/11/26 11:47	1
1,2-Dichloropropane	ND		2.3	0.79	ug/m3			02/11/26 11:47	1
1,3,5-Trimethylbenzene	ND		2.5	0.84	ug/m3			02/11/26 11:47	1
1,3-Butadiene	ND		1.1	0.38	ug/m3			02/11/26 11:47	1
1,3-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 11:47	1
1,4-Dichlorobenzene	ND		3.0	1.0	ug/m3			02/11/26 11:47	1
1,4-Dioxane	ND		3.6	1.2	ug/m3			02/11/26 11:47	1
2,2,4-Trimethylpentane	ND		2.3	0.79	ug/m3			02/11/26 11:47	1
2-Butanone (MEK)	ND		5.9	2.0	ug/m3			02/11/26 11:47	1
2-Hexanone	ND		8.2	2.7	ug/m3			02/11/26 11:47	1
2-Propanol	ND		4.9	1.6	ug/m3			02/11/26 11:47	1
3-Chloropropene	ND		1.6	0.53	ug/m3			02/11/26 11:47	1
4-Ethyltoluene	ND		2.5	0.84	ug/m3			02/11/26 11:47	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.70	ug/m3			02/11/26 11:47	1
Acetone	ND		12	4.0	ug/m3			02/11/26 11:47	1
alpha-Chlorotoluene	ND		2.6	0.88	ug/m3			02/11/26 11:47	1
Benzene	ND		1.6	0.54	ug/m3			02/11/26 11:47	1
Bromodichloromethane	ND		3.4	1.1	ug/m3			02/11/26 11:47	1
Bromoform	ND		5.2	1.8	ug/m3			02/11/26 11:47	1
Bromomethane	ND		3.9	1.3	ug/m3			02/11/26 11:47	1
Carbon disulfide	ND		6.2	2.1	ug/m3			02/11/26 11:47	1
Carbon tetrachloride	ND		3.1	1.1	ug/m3			02/11/26 11:47	1
Chlorobenzene	ND		2.3	0.78	ug/m3			02/11/26 11:47	1
Chloroethane	ND		5.3	1.8	ug/m3			02/11/26 11:47	1
Chloroform	ND		2.4	0.83	ug/m3			02/11/26 11:47	1
Chloromethane	ND		10	3.4	ug/m3			02/11/26 11:47	1
cis-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 11:47	1
cis-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 11:47	1
Cumene	ND		2.5	0.84	ug/m3			02/11/26 11:47	1
Cyclohexane	ND		1.7	0.59	ug/m3			02/11/26 11:47	1
Dibromochloromethane	ND		4.3	1.4	ug/m3			02/11/26 11:47	1
Ethanol	ND		9.4	3.1	ug/m3			02/11/26 11:47	1
Ethylbenzene	ND		2.2	0.74	ug/m3			02/11/26 11:47	1
Freon 11	ND		2.8	0.96	ug/m3			02/11/26 11:47	1
Freon 113	ND		3.8	1.3	ug/m3			02/11/26 11:47	1
Freon 12	ND		2.5	0.84	ug/m3			02/11/26 11:47	1
Freon-114	ND		3.5	1.2	ug/m3			02/11/26 11:47	1
Heptane	ND		2.0	0.70	ug/m3			02/11/26 11:47	1
Hexachlorobutadiene	ND		21	7.1	ug/m3			02/11/26 11:47	1

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

Lab Sample ID: MB 650-10420/6
Matrix: Air
Analysis Batch: 10420

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		1.8	0.60	ug/m3			02/11/26 11:47	1
m,p-Xylene	ND		4.3	1.4	ug/m3			02/11/26 11:47	1
Methyl tert-butyl ether	ND		7.2	2.4	ug/m3			02/11/26 11:47	1
Methylene Chloride	ND		3.5	1.1	ug/m3			02/11/26 11:47	1
Naphthalene	ND		5.2	0.89	ug/m3			02/11/26 11:47	1
o-Xylene	ND		2.2	0.74	ug/m3			02/11/26 11:47	1
Propylbenzene	ND		2.5	0.84	ug/m3			02/11/26 11:47	1
Styrene	ND		2.1	0.72	ug/m3			02/11/26 11:47	1
Tetrachloroethene	ND		3.4	1.2	ug/m3			02/11/26 11:47	1
Tetrahydrofuran	ND		1.5	0.50	ug/m3			02/11/26 11:47	1
Toluene	ND		3.8	1.2	ug/m3			02/11/26 11:47	1
trans-1,2-Dichloroethene	ND		2.0	0.67	ug/m3			02/11/26 11:47	1
trans-1,3-Dichloropropene	ND		2.3	0.77	ug/m3			02/11/26 11:47	1
Trichloroethene	ND		2.7	0.91	ug/m3			02/11/26 11:47	1
Vinyl chloride	ND		1.3	0.43	ug/m3			02/11/26 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*02/11/26 11:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/11/26 11:47*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/11/26 11:47*	*1*

Lab Sample ID: LCS 650-10420/4
Matrix: Air
Analysis Batch: 10420

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	109	110		ug/m3		101	70 - 130
1,1,2,2-Tetrachloroethane	137	141		ug/m3		103	70 - 130
1,1,2-Trichloroethane	109	117		ug/m3		108	70 - 130
1,1-Dichloroethane	80.7	88.3		ug/m3		109	70 - 130
1,1-Dichloroethene	79.1	77.2		ug/m3		98	70 - 130
1,2,4-Trichlorobenzene	166	113	*-	ug/m3		68	70 - 130
1,2,4-Trimethylbenzene	98.1	94.5		ug/m3		96	70 - 130
1,2-Dibromoethane (EDB)	153	159		ug/m3		104	70 - 130
1,2-Dichlorobenzene	120	118		ug/m3		99	70 - 130
1,2-Dichloroethane	80.7	75.8		ug/m3		94	70 - 130
1,2-Dichloropropane	92.2	88.2		ug/m3		96	70 - 130
1,3,5-Trimethylbenzene	98.1	95.5		ug/m3		97	70 - 130
1,3-Butadiene	44.1	38.6		ug/m3		87	70 - 130
1,3-Dichlorobenzene	120	119		ug/m3		99	70 - 130
1,4-Dichlorobenzene	120	118		ug/m3		98	70 - 130
1,4-Dioxane	71.9	59.0		ug/m3		82	70 - 130
2,2,4-Trimethylpentane	93.2	80.9		ug/m3		87	70 - 130
2-Butanone (MEK)	58.8	53.5		ug/m3		91	70 - 130
2-Hexanone	81.8	71.1		ug/m3		87	70 - 130
2-Propanol	49.0	49.3		ug/m3		100	70 - 130
3-Chloropropene	62.4	60.6		ug/m3		97	70 - 130
4-Ethyltoluene	98.1	100		ug/m3		102	70 - 130

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

Lab Sample ID: LCS 650-10420/4
Matrix: Air
Analysis Batch: 10420

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	81.7	76.6		ug/m3		94	70 - 130
Acetone	47.4	47.2		ug/m3		100	70 - 130
alpha-Chlorotoluene	103	102		ug/m3		99	70 - 130
Benzene	63.7	56.7		ug/m3		89	70 - 130
Bromodichloromethane	134	143		ug/m3		107	70 - 130
Bromoform	206	215		ug/m3		104	70 - 130
Bromomethane	77.5	83.4		ug/m3		108	70 - 130
Carbon disulfide	62.1	56.5		ug/m3		91	70 - 130
Carbon tetrachloride	125	130		ug/m3		103	70 - 130
Chlorobenzene	91.8	82.5		ug/m3		90	70 - 130
Chloroethane	52.6	54.4		ug/m3		103	70 - 130
Chloroform	97.4	90.0		ug/m3		92	70 - 130
Chloromethane	41.2	39.5		ug/m3		96	70 - 130
cis-1,2-Dichloroethene	79.1	75.0		ug/m3		95	70 - 130
cis-1,3-Dichloropropene	90.5	94.6		ug/m3		104	70 - 130
Cumene	98.1	87.3		ug/m3		89	70 - 130
Cyclohexane	68.7	58.9		ug/m3		86	70 - 130
Dibromochloromethane	170	184		ug/m3		108	70 - 130
Ethanol	44.4	35.3		ug/m3		80	70 - 130
Ethylbenzene	86.6	77.2		ug/m3		89	70 - 130
Freon 11	112	117		ug/m3		104	70 - 130
Freon 113	153	153		ug/m3		100	70 - 130
Freon 12	98.7	104		ug/m3		105	70 - 130
Freon-114	139	142		ug/m3		102	70 - 130
Heptane	81.8	75.4		ug/m3		92	70 - 130
Hexachlorobutadiene	236	177		ug/m3		75	70 - 130
Hexane	70.3	65.5		ug/m3		93	70 - 130
m,p-Xylene	86.6	76.1		ug/m3		88	70 - 130
Methyl tert-butyl ether	71.9	62.9		ug/m3		87	70 - 130
Methylene Chloride	69.3	61.6		ug/m3		89	70 - 130
Naphthalene	10.5	8.84		ug/m3		85	60 - 140
o-Xylene	86.6	75.5		ug/m3		87	70 - 130
Propylbenzene	98.1	101		ug/m3		103	70 - 130
Styrene	85.0	86.3		ug/m3		102	70 - 130
Tetrachloroethene	135	123		ug/m3		91	70 - 130
Tetrahydrofuran	58.8	55.5		ug/m3		94	70 - 130
Toluene	75.2	68.8		ug/m3		92	70 - 130
trans-1,2-Dichloroethene	79.1	77.2		ug/m3		98	70 - 130
trans-1,3-Dichloropropene	90.5	93.8		ug/m3		104	70 - 130
Trichloroethene	107	99.6		ug/m3		93	70 - 130
Vinyl chloride	51.0	48.9		ug/m3		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: LCSD 650-10420/5
Matrix: Air
Analysis Batch: 10420

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			109	109		ug/m3		100	70 - 130	1	25
1,1,2,2-Tetrachloroethane			137	139		ug/m3		102	70 - 130	1	25
1,1,2-Trichloroethane			109	114		ug/m3		105	70 - 130	3	25
1,1-Dichloroethane			80.7	86.8		ug/m3		107	70 - 130	2	25
1,1-Dichloroethene			79.1	76.3		ug/m3		96	70 - 130	1	25
1,2,4-Trichlorobenzene			166	136		ug/m3		82	70 - 130	18	25
1,2,4-Trimethylbenzene			98.1	95.4		ug/m3		97	70 - 130	1	25
1,2-Dibromoethane (EDB)			153	160		ug/m3		104	70 - 130	1	25
1,2-Dichlorobenzene			120	118		ug/m3		99	70 - 130	0	25
1,2-Dichloroethane			80.7	74.9		ug/m3		93	70 - 130	1	25
1,2-Dichloropropane			92.2	87.0		ug/m3		94	70 - 130	1	25
1,3,5-Trimethylbenzene			98.1	93.7		ug/m3		95	70 - 130	2	25
1,3-Butadiene			44.1	38.4		ug/m3		87	70 - 130	1	25
1,3-Dichlorobenzene			120	120		ug/m3		100	70 - 130	1	25
1,4-Dichlorobenzene			120	119		ug/m3		99	70 - 130	1	25
1,4-Dioxane			71.9	64.8		ug/m3		90	70 - 130	9	25
2,2,4-Trimethylpentane			93.2	81.3		ug/m3		87	70 - 130	0	25
2-Butanone (MEK)			58.8	53.0		ug/m3		90	70 - 130	1	25
2-Hexanone			81.8	70.2		ug/m3		86	70 - 130	1	25
2-Propanol			49.0	51.6		ug/m3		105	70 - 130	5	25
3-Chloropropene			62.4	61.6		ug/m3		99	70 - 130	2	25
4-Ethyltoluene			98.1	97.8		ug/m3		100	70 - 130	2	25
4-Methyl-2-pentanone (MIBK)			81.7	73.4		ug/m3		90	70 - 130	4	25
Acetone			47.4	44.8		ug/m3		95	70 - 130	5	25
alpha-Chlorotoluene			103	102		ug/m3		99	70 - 130	0	25
Benzene			63.7	56.0		ug/m3		88	70 - 130	1	25
Bromodichloromethane			134	143		ug/m3		107	70 - 130	0	25
Bromoform			206	215		ug/m3		104	70 - 130	0	25
Bromomethane			77.5	82.3		ug/m3		106	70 - 130	1	25
Carbon disulfide			62.1	56.0		ug/m3		90	70 - 130	1	25
Carbon tetrachloride			125	129		ug/m3		103	70 - 130	1	25
Chlorobenzene			91.8	82.1		ug/m3		89	70 - 130	1	25
Chloroethane			52.6	53.9		ug/m3		102	70 - 130	1	25
Chloroform			97.4	87.5		ug/m3		90	70 - 130	3	25
Chloromethane			41.2	37.8		ug/m3		92	70 - 130	4	25
cis-1,2-Dichloroethene			79.1	76.9		ug/m3		97	70 - 130	2	25
cis-1,3-Dichloropropene			90.5	94.3		ug/m3		104	70 - 130	0	25
Cumene			98.1	86.5		ug/m3		88	70 - 130	1	25
Cyclohexane			68.7	59.4		ug/m3		86	70 - 130	1	25
Dibromochloromethane			170	178		ug/m3		104	70 - 130	3	25
Ethanol			44.4	39.7		ug/m3		90	70 - 130	12	25
Ethylbenzene			86.6	76.4		ug/m3		88	70 - 130	1	25
Freon 11			112	117		ug/m3		104	70 - 130	0	25
Freon 113			153	153		ug/m3		100	70 - 130	1	25
Freon 12			98.7	104		ug/m3		106	70 - 130	0	25
Freon-114			139	142		ug/m3		102	70 - 130	0	25
Heptane			81.8	73.8		ug/m3		90	70 - 130	2	25
Hexachlorobutadiene			236	193		ug/m3		82	70 - 130	9	25

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

Lab Sample ID: LCSD 650-10420/5
Matrix: Air
Analysis Batch: 10420

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexane			70.3	64.3		ug/m3		91	70 - 130	2	25
m,p-Xylene			86.6	74.3		ug/m3		86	70 - 130	2	25
Methyl tert-butyl ether			71.9	62.5		ug/m3		87	70 - 130	1	25
Methylene Chloride			69.3	61.6		ug/m3		89	70 - 130	0	25
Naphthalene			10.5	10.1		ug/m3		97	60 - 140	13	25
o-Xylene			86.6	74.2		ug/m3		86	70 - 130	2	25
Propylbenzene			98.1	99.2		ug/m3		101	70 - 130	2	25
Styrene			85.0	84.3		ug/m3		99	70 - 130	2	25
Tetrachloroethene			135	121		ug/m3		89	70 - 130	1	25
Tetrahydrofuran			58.8	54.4		ug/m3		93	70 - 130	2	25
Toluene			75.2	66.8		ug/m3		89	70 - 130	3	25
trans-1,2-Dichloroethene			79.1	75.2		ug/m3		95	70 - 130	3	25
trans-1,3-Dichloropropene			90.5	92.7		ug/m3		102	70 - 130	1	25
Trichloroethene			107	98.1		ug/m3		92	70 - 130	2	25
Vinyl chloride			51.0	48.0		ug/m3		94	70 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 650-10748/4
Matrix: Air
Analysis Batch: 10748

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		0.00010	0.000033	% v/v			02/13/26 19:07	1

Lab Sample ID: LCS 650-10748/2
Matrix: Air
Analysis Batch: 10748

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methane			5.11	4.92		% v/v		96	85 - 115		

Lab Sample ID: LCSD 650-10748/25
Matrix: Air
Analysis Batch: 10748

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methane			5.11	4.90		% v/v		96	85 - 115	0	25

QC Association Summary

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

Air - GC/MS VOA

Analysis Batch: 10420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4774-1	825-LFGP-5	Total/NA	Air	TO-15	
650-4774-2	825-LFGP-4	Total/NA	Air	TO-15	
650-4774-3	825-LFGP-3	Total/NA	Air	TO-15	
650-4774-4	825-LFGP-2	Total/NA	Air	TO-15	
650-4774-5	825-LFGP-1	Total/NA	Air	TO-15	
650-4774-6	825-DUP-01	Total/NA	Air	TO-15	
MB 650-10420/6	Method Blank	Total/NA	Air	TO-15	
LCS 650-10420/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 650-10420/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 10748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
650-4774-1	825-LFGP-5	Total/NA	Air	D1946	
650-4774-2	825-LFGP-4	Total/NA	Air	D1946	
650-4774-3	825-LFGP-3	Total/NA	Air	D1946	
650-4774-4	825-LFGP-2	Total/NA	Air	D1946	
650-4774-5	825-LFGP-1	Total/NA	Air	D1946	
650-4774-6	825-DUP-01	Total/NA	Air	D1946	
MB 650-10748/4	Method Blank	Total/NA	Air	D1946	
LCS 650-10748/2	Lab Control Sample	Total/NA	Air	D1946	
LCSD 650-10748/25	Lab Control Sample Dup	Total/NA	Air	D1946	

Lab Chronicle

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

Client Sample ID: 825-LFGP-5
Lab Sample ID: 650-4774-1
Date Collected: 01/19/26 11:04
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.711	10420	JF	Air Toxics	02/11/26 19:21
Total/NA	Analysis	D1946		1.711	10748	JW	Air Toxics	02/14/26 11:16

Client Sample ID: 825-LFGP-4
Lab Sample ID: 650-4774-2
Date Collected: 01/19/26 11:24
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.456	10420	JF	Air Toxics	02/11/26 19:50
Total/NA	Analysis	D1946		1.456	10748	JW	Air Toxics	02/14/26 11:38

Client Sample ID: 825-LFGP-3
Lab Sample ID: 650-4774-3
Date Collected: 01/19/26 11:06
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.747	10420	JF	Air Toxics	02/11/26 20:18
Total/NA	Analysis	D1946		1.747	10748	JW	Air Toxics	02/14/26 12:27

Client Sample ID: 825-LFGP-2
Lab Sample ID: 650-4774-4
Date Collected: 01/19/26 11:36
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.824	10420	JF	Air Toxics	02/11/26 20:47
Total/NA	Analysis	D1946		1.824	10748	JW	Air Toxics	02/14/26 12:54

Client Sample ID: 825-LFGP-1
Lab Sample ID: 650-4774-5
Date Collected: 01/19/26 11:40
Matrix: Air
Date Received: 01/30/26 11:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.729	10420	JF	Air Toxics	02/11/26 21:15
Total/NA	Analysis	D1946		1.729	10748	JW	Air Toxics	02/14/26 13:19

Client Sample ID: 825-DUP-01
Lab Sample ID: 650-4774-6
Date Collected: 01/19/26 11:06
Matrix: Air
Date Received: 01/29/26 10:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.627	10420	JF	Air Toxics	02/11/26 21:44
Total/NA	Analysis	D1946		1.627	10748	JW	Air Toxics	02/14/26 13:42

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

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 650-4774-1
Project/Site: Durham Parks, Northgate

Laboratory: Eurofins Environment Testing Northern California, Air Toxics

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

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

Method Summary

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

Job ID: 650-4774-1

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Laboratory References:

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

Sample Summary

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

Job ID: 650-4774-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
650-4774-1	825-LFGP-5	Air	01/19/26 11:04	01/29/26 10:55	Air Canister (6-Liter) #6L2203
650-4774-2	825-LFGP-4	Air	01/19/26 11:24	01/29/26 10:55	Air Canister (6-Liter) #6L1208
650-4774-3	825-LFGP-3	Air	01/19/26 11:06	01/29/26 10:55	Air Canister (6-Liter) #0000003215
650-4774-4	825-LFGP-2	Air	01/19/26 11:36	01/30/26 11:02	Air Canister (6-Liter) #6L0497
650-4774-5	825-LFGP-1	Air	01/19/26 11:40	01/30/26 11:02	Air Canister (6-Liter) #6L0152
650-4774-6	825-DUP-01	Air	01/19/26 11:06	01/29/26 10:55	Air Canister (6-Liter) #6L0521

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

Canister Samples Chain of Custody Record

650-4774 COC

eurofins | Environment Testing

2/19/2026

Client Contact Information	Client Project Manager: Whittaker, Brian	Samples Collected By: Madison Allen	COC No: 650-2118-436.1
Company Name: S&ME Inc	Phone: 916-605-3355		Page 1 of 1
Address: 3201 Spring Forest Road	Email: Brian.Whittaker@et.eurofinsus.com	State of origin: NC	
City/State/Zip: Raleigh NC, 27616			For Lab Use Only:
Phone: 919-872-2660	Site Contact: Jerry Paul	Samples received after 3:00PM PST are considered to be received on the following workday.	Walk-in Client:
Project Number: 65000581	Tel/Fax: /916-985-1000		Lab Sampling:
Project Name: Durham Parks	Anaylsis Turnaround Time		Job / SDG No.:
Site/Location: Northgate	Standard (Specific):		(See below for Add'l Items)
P O #: Purchase Order not required	Rush (Specifiy):		Sample Specific Notes (including duplicate tees, gauges, and other miscellaneous barcoded equipment used):

Lab ID	Sample Identification	Sample Start		Sample Finish		Canister Vacuum in Field, 'Hg (Start)'	Canister Vacuum in Field, 'Hg (Stop)'	Flow Controller ID	Canister ID	D1946 - (MOD) CH4 only	TO15_STD - (MOD) TO-15 + Naph			Sample Type	IA=Indoor Air, AA=Ambient Air	SS=Sub-Slab, Soil Vapor Extraction (SVE)	Other (Please specify)
		Sample Date(s)	Time Start (24hr)	Sample Date(s)	Time Finish (24hr)												
01A	825-LFGP-5	1/19/26	1004	1/19/26	1104	30	10	24541	6L2203	X	X						
02A	825-LFGP-4		1024		1124	30	5	23393	6L1208	X	X						
03A	825-LFGP-3		1012		1106	28	10	25224	11625	X	X						
04A	825-LFGP-2		1036		1136	30	8	23118	6L0497	X	X						
05A	825-LFGP-1		1040		1140	29	7	24110	6L0152	X	X						
06A	825-DUP-01	↓	1012	↓	1106	25	3	23102	6L0521	X	X						

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Fedex	Date / Time:	Samples Received by: AD EMPL 1/26/26 1055
Samples Relinquished by:	Date / Time: 1/27/26 1230	Received by:
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name: Fedex	Custody Seals Intact? Yes No (None)	Condition:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 650-4774-1

Login Number: 4774
List Number: 1
Creator: Lachappelle, Loren

List Source: Eurofins Environment Testing Northern California, Air Toxics

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AE06658-01	825-LFGP-1	Air	01/19/2026	01/20/2026
AE06658-02	825-LFGP-2	Air	01/19/2026	01/20/2026
AE06658-03	825-LFGP-3	Air	01/19/2026	01/20/2026
AE06658-04	825-LFGP-4	Air	01/19/2026	01/20/2026
AE06658-05	825-LFGP-5	Air	01/19/2026	01/20/2026
AE06658-06	825-DUP-01	Air	01/19/2026	01/20/2026

Owen McKenna Laboratory Manager or other approved signatory

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

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

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

Analysis Case Narrative

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

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

Concentrator Traps:
2.0 cc Loop

Gas Standards:
Certified Gas standards were used for all analyses.

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

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

Holding Times:
All holding times were met.

Sample Pressures:
All samples received in summa canisters were sightly pressurized with UHP diluent and transferred to tedlar bags prior to analysis.

Initial Calibration:
All acceptance criteria were met.

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

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

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

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

Sample Duplicate:
All acceptance criteria were met.

EMSL Analytical, Inc.

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EMSL Customer ID: SMEI60

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

Owen McKenna Laboratory Manager or other approved signatory

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
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jpaul@smeinc.com

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

EMSL Sample ID: AE06658-01
Customer Sample ID: 825-LFGP-1
Collected: 01/19/2026 14:10
Received: 01/20/2026 09:10

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/20/26 12:01	BEA2018	R1818.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	01/20/26 12:01	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

EMSL Sample ID: AE06658-02
Customer Sample ID: 825-LFGP-2
Collected: 01/19/2026 14:15
Received: 01/20/2026 09:10

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/20/26 12:14	BEA2018	R1819.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	01/20/26 12:14	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

EMSL Sample ID: AE06658-03
Customer Sample ID: 825-LFGP-3
Collected: 01/19/2026 14:30
Received: 01/20/2026 09:10

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/20/26 12:28	BEA2018	R1820.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	01/20/26 12:28	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

EMSL Sample ID: AE06658-04
Customer Sample ID: 825-LFGP-4
Collected: 01/19/2026 14:25
Received: 01/20/2026 09:10

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/20/26 12:41	BEA2018	R1821.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	01/20/26 12:41	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

EMSL Sample ID: AE06658-05
Customer Sample ID: 825-LFGP-5
Collected: 01/19/2026 14:40
Received: 01/20/2026 09:10

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/20/26 12:54	BEA2018	R1822.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	01/20/26 12:54	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

EMSL Sample ID: AE06658-06
Customer Sample ID: 825-DUP-01
Collected: 01/19/2026 14:40
Received: 01/20/2026 09:10

Analysis	Prep Batch	Lab File ID	Canister ID	Sample Vol.	Dil. Factor	Analyst Init.
01/20/26 13:07	BEA2018	R1823.D	825-DUP-01	2 cc	1	KW

ASTM D5504-Sample Summary

Target Compounds	Cas#	MW	Result ppbv	RL ppbv	DF	Result ug/m3	RL ug/m3	Analyzed	Q
Hydrogen Sulfide	7783-06-4	34.1	ND	10	1	ND	14	01/20/26 13:07	
Total Target Compound Concentrations:			**0**			**0**			

Threshold Refernences

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

Reference

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

Agency Definitions

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

Method Reference

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

Exposure Limit Definitions

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012606658
LIMS Reference ID: AE06658
EMSL Customer ID: SMEI60

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

Project Name: Durham Parks 23050630, Northgate Park
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 01/20/2026 09:10
Reported: 03/02/2026 14:30

Notes and Definitions

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

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event Chain of Custody

AE06658

EMSL Order Number / Lab Use Only

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

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 20 A 9:53

Customer Information

Customer ID:
Company Name: StME
Contact Name: Gerald Paul
Street Address: 324 Spring Forest Rd
City, State, Zip: Raleigh, NC Country: US
Phone: 919-872-2660
Email(s) for Report: jpaul@Sreinc.com, madsengaard@Sreinc.com

Billing Information

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

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

Turn-Around-Time (TAT)

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
			1-19-26											
825-LFGP-1	☐	☐	1410	A	-	X								Low Level H2S
825-LFGP-2	☐	☐	1415	A	-	X								
825-LFGP-3	☐	☐	1430	A	-	X								
825-LFGP-4	☐	☐	1425	A	-	X								

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

please use 14 ug/m3 MDL. Please provide NCDEQ EDD

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

Method of Shipment: Fed Ex

Sample Condition Upon Receipt: Received on Ice? Check if Yes ☐

Relinquished by: ~~Brandon Governo~~ Date/Time: ~~1-19-26~~ 1-19-26 1530

Received by: Steuben E-FX Date/Time 1/20/26 0910

Relinquished by: Date/Time:

Received by: Date/Time

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

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

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

6 SAM

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only: AE06658

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
825-LFGR-5	☐	☐	1-A-26 1440	A	-	X								
825-DUP-01	☐	☐	1-A-26 -	A	-	X								
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 20 A 9:59

Method of Shipment: FedEx

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by: [signature] Date/Time: 1-19-26

Received by: Steve Wells E-FX Date/Time 1/20/26 0910

Relinquished by: Date/Time:

Received by: Date/Time

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

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

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

Environmental Chemistry - Sampling Event Chain of Custody

AE06658

EMSL ANALYTICAL, INC.

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

EMSL Order Number / Lab Use Only

RECEIVED
EMSL
CINNAMINSON, NJ
2026 JAN 20 A 9:53

Customer Information

Customer ID:
Company Name: StME
Contact Name: Gerald Paul
Street Address: 324 Spring Forest Rd
City, State, Zip: Raleigh, NC
Country: US
Phone: 919-872-2660
Email(s) for Report: jpaul@Sreinc.com, madisengaiken@Sreinc.com

Billing Information

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

Purchase Order:

Project Name/No: Durham Parks 23050630, Northgate Park

EMSL LIMS Project ID: (If applicable, EMSL will provide) Northgate Park

US State where samples collected: NC

State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

PWS ID:

State Reporting Required? ☐ Yes ☐ No

Samples for Compliance? ☐ Yes ☐ No

If Yes, for NPDES? ☐ Yes ☐ No

Other (Specify)

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

Samples Received Chilled? ☐ ☐ No

Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: ~~Brandon Governo~~ Gerald Paul

Sampled By Signature:

Sampler ID#: (if applicable)

No. Samples in Shipment:

Turn-Around-Time (TAT)

Standard Turn-Around-Time: ☑ 2 Weeks

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

Client Sample ID	Comp	Grab	Date / Time Collected (1-19-26)	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other Describe below in Special Instructions)	List Test(s) Needed: Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments (Write in test below, then record # of bottles for each test in box)
825-LFGP-1	☐	☐	1410	A	-	X								Low Level H2S
825-LFGP-2	☐	☐	1415	A	-	X								
825-LFGP-3	☐	☐	1430	A	-	X								
825-LFGP-4	☐	☐	1425	A	-	X								

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

please use 14 ng/m3 MDL. Please provide NCDEQ EDD

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

Method of Shipment: Fed Ex

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by: ~~Brandon Governo~~ Date/Time: ~~1-19-26~~ 1-19-26 1530

Received by: Fed-EX Date/Time 1/20/26 0910

Relinquished by: Date/Time:

Received by: Date/Time

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

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

6 SAM

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

EMSL ANALYTICAL, INC.

Environmental Chemistry - Sampling Event
Chain of Custody

EMSL Order Number / Lab Use Only: AE06658

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix (DW=Drinking Water, WW=Wastewater, S=Soil, A=Air, SL=Sludge, O=Other)	Preservative (1=HCL, 2=HNO3, 3=H2SO4, 4=ICE, 5=Other, Describe below in Special Instructions)	List Test(s) Needed: (Write in test below, then record # of bottles for each test in box) Test 1: ASTM D5504	Test 2:	Test 3:	Test 4:	Field pH	Field pH Test Time	Field Temp. Deg. C	Field Temp. Test Time	Comments
825-LFGP-5	☐	☐	1-A-26 1440	A	-	X								
825-DUP-01	☐	☐	1-A-26 -	A	-	X								
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												
	☐	☐												

RECEIVED EMSL CINNAMINSON, NJ 2026 JAN 20 A 9:55

Method of Shipment: FedEx

Sample Condition Upon Receipt:

Received on Ice? Check if Yes ☐

Relinquished by: [signature] Date/Time: 1-19-26

Received by: Steve Wells E-FX Date/Time 1/20/26 0910

Relinquished by: Date/Time:

Received by: Date/Time

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

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

EMSL Analytical, Inc.

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

EMSL Order ID: 012607599
LIMS Reference ID: AE07599
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: 23050630 - City of Daham Parks, Northgate park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:29

Analytical Results

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
Sample: 825 - LFGP - 1/Northgate Park		**Lims Reference ID:**		**AE07599-01**	**Matrix: Tubes**				**Sampled: 01/19/26 11:49:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/02/26 10:15	02/02/26 12:19	CZX	NIOSH 6009
Sample: 825 - LFGP - 2/Northgate Park		**Lims Reference ID:**		**AE07599-02**	**Matrix: Tubes**				**Sampled: 01/19/26 11:48:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/02/26 10:15	02/02/26 12:21	CZX	NIOSH 6009
Sample: 825 - LFGP - 3/Northgate Park		**Lims Reference ID:**		**AE07599-03**	**Matrix: Tubes**				**Sampled: 01/19/26 11:34:00**
Metals									
Mercury	ND		1	0.58	µg/m³	02/02/26 10:15	02/02/26 12:24	CZX	NIOSH 6009
Sample: 825 - LFGP - 4/Northgate Park		**Lims Reference ID:**		**AE07599-04**	**Matrix: Tubes**				**Sampled: 01/19/26 11:37:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/02/26 10:15	02/02/26 12:26	CZX	NIOSH 6009
Sample: 825 - LFGP - 5/Northgate Park		**Lims Reference ID:**		**AE07599-05**	**Matrix: Tubes**				**Sampled: 01/19/26 11:32:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/02/26 10:15	02/02/26 12:29	CZX	NIOSH 6009
Sample: 825 - LFGP - DUP - 01/Northgate Park		**Lims Reference ID:**		**AE07599-06**	**Matrix: Tubes**				**Sampled: 01/19/26 11:34:00**
Metals									
Mercury	ND		1	0.67	µg/m³	02/02/26 10:15	02/02/26 12:31	CZX	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: 012607599
LIMS Reference ID: AE07599
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: 23050630 - City of Daham Parks, Northgate park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:29

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 6009 in Tubes	
Mercury	A2LA,AIHA LAP

List of Certifications

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2026
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: 012607599
LIMS Reference ID: AE07599
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: 23050630 - City of Daham Parks, Northgate park
Project ID: _Master Project-SMEI60
Customer PO:
Sales Rep: Jason McDonald
Received: 01/29/2026 10:20
Reported: 02/12/2026 16:29

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 reporting limit, or the mdl if provided.
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: AE07599

200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: c@emsl.com

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

Customer Information

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

Billing Information

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

Project Name/No: 23050630 - City of Durham parks, Northgate Park
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: NC
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Media Type: Air
Media Manufacturer/ Part Number:
Media Lot Number:
Sampled By Name: Madison Allen
Sampled By Signature: Madison Allen
No. Samples in Shipment:

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

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
825-LFGP-1	Northgate Park	NIOSH 6009 mercury	Sorbent tube	0.25	1149	1249		☐ Area ☐ Personal	1/19/26	
825-LFGP-2					1148	1248		☐ Area ☐ Personal		
825-LFGP-3					1134	1243		☐ Area ☐ Personal		
825-LFGP-4					1137	1237		☐ Area ☐ Personal		
825-LFGP-5					1132	1232		☐ Area ☐ Personal		
825-LFGP-DUP-01					1134	1234		☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

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

Method of Shipment: Fedex
Sample Condition Upon Receipt:
Relinquished by: Madison Allen
Date/Time: 1/27/26 1230
Received by: Mooneely (EFX)
Date/Time: 1/29/26 10:20a
Relinquished by:
Date/Time:
Received by:
Date/Time

21.4°C

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

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Industrial Hygiene - Chain of Custody

EMSL Order Number / Lab Use Only: AE07599

200 Route 130 North
Cinnaminson, NJ 08077

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

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

Customer Information

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

Billing Information

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

Project Name/No:	23050630 - City of Durham parks, Northgate Park
Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)	
US State where samples collected:	NC
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Media Type:	Air
Media Manufacturer/ Part Number:	
Media Lot Number:	
Sampled By Name:	Madison Allen
Sampled By Signature:	Mad Allen
No. Samples in Shipment:	

Turnaround Time (TAT) Options - Please check: (If no selection made, Standard 2 Week (EOD) TAT will apply)

☑ 2 Week ☐ 1 Week ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Other (Call Lab)

Client Sample ID	Location/Description	Analyte/ Method	Media	Flow (lpm)	Sample Time On	Sample Time Off	Volume/Area	Sample Type	Sample Date	Comments
825-LFGP-1	Northgate Park	NIOSH 6009 mercury	Sorbent tube	0.25	1149	1249		☐ Area ☐ Personal	1/19/26	
825-LFGP-2					1148	1248		☐ Area ☐ Personal		
825-LFGP-3					1134	1243		☐ Area ☐ Personal		
825-LFGP-4					1137	1237		☐ Area ☐ Personal		
825-LFGP-5					1132	1232		☐ Area ☐ Personal		
825-LFGP-DUP-01					1134	1234		☐ Area ☐ Personal		
								☐ Area ☐ Personal		
								☐ Area ☐ Personal		

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

Method of Shipment:	Fedex
Sample Condition Upon Receipt:	
Relinquished by:	Mad Allen
Date/Time:	1/27/26 1230
Received by:	Mowrey (EFX)
Date/Time:	1/29/26 10:20a
Relinquished by:	
Date/Time:	
Received by:	
Date/Time:	

21.4°C

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

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/9/2026 9:49:10 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-41440-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
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.
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Glossary (Continued)

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

Job Narrative
752-41440-1

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

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

Receipt
The samples were received on 1/29/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.4°C and 0.7°C.

GC/MS VOA
Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC was non detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-111920/3), (LCS 705-111920/1003) and (752-41439-G-2 MS)

Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC was non detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-112210/2) and (LCS 705-112210/1002)

Method 8260D: The Trip blank associated with analytical batch 705-112211 contained Acetone less than one-half the reporting limit (1/2RL). The trip blank was re-analyzed to confirm the results. Only one set of data is included in the report. Trip Blank (752-41440-10)

Method 8260D: Naphthalene is reported with an E flag in the batch QC because of calibration limitations. The sample associated with the QC was non detect for Naphthalene. The data has been qualified and reported. (CCVIS 705-112211/2) and (LCS 705-112211/1002)

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: Surrogate recovery for the following sample was outside the upper control limit: 825-MW-7 (752-41440-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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 705-111325 and analytical batch 705-111863 contained Thallium 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.

Method 6020B - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: 825-MW-2 (752-41440-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method 353.2-1993 R2.0: The method blank for analytical batch 680-888202 contained NOx above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Job ID: 752-41440-1 (Continued)

Method SM 4500 SO4 E: The following samples were diluted to bring the concentration of Sulfate within the calibration range: 825-MW-3 (752-41440-2), 825-MW-4 (752-41440-3), 825-MW-5 (752-41440-4), 825-MW-7 (752-41440-6) and 825-MW-9 (752-41440-8). Elevated reporting limits (RLs) are provided.

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

Detection Summary

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-2 — Lab Sample ID: 752-41440-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	393		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.163	J ^+	1.00	0.147	ug/L	1		6020B	Total Recoverable
Manganese	448		5.00	1.29	ug/L	1		6020B	Total Recoverable
Silver	0.636	J	1.00	0.167	ug/L	1		6020B	Total Recoverable
Vanadium	7.92		5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	10.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.130	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.130		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	9.03		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-3 — Lab Sample ID: 752-41440-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.76	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	120		10.0	0.410	ug/L	1		6020B	Total Recoverable
Beryllium	0.484	J	1.00	0.147	ug/L	1		6020B	Total Recoverable
Cadmium	0.675	J	0.700	0.237	ug/L	1		6020B	Total Recoverable
Cobalt	26.7		5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.95	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	2.39		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	1760		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	5.02		5.00	0.422	ug/L	1		6020B	Total Recoverable
Silver	0.177	J	1.00	0.167	ug/L	1		6020B	Total Recoverable
Thallium	0.221	J B	1.00	0.190	ug/L	1		6020B	Total Recoverable
Vanadium	2.49	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	9.23	J	10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.0388	J	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrate Nitrite as N	0.0640	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0640	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	74.0		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-4 — Lab Sample ID: 752-41440-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	8.01	J	10.4	2.49	ug/L	1		8270E	Total/NA
Barium	137		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 825-MW-4 (Continued) — Lab Sample ID: 752-41440-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	4.42	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	1.36	J	2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	1130		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	1.59	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0190	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0190	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	164		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-5 — Lab Sample ID: 752-41440-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.246	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	180		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	9.09		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	3360		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	3.24	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.59	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.116	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.116		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	104		25.0	7.00	mg/L	5		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-6 — Lab Sample ID: 752-41440-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.35	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	241		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	11.0		5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	2.55		2.00	0.642	ug/L	1		6020B	Total Recoverable
Manganese	2120		5.00	1.29	ug/L	1		6020B	Total Recoverable
Thallium	0.369	J B ^2	1.00	0.190	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.425	F1	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0316	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.109	B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0774	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	18.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-7 — Lab Sample ID: 752-41440-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	147		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-MW-7 (Continued) — Lab Sample ID: 752-41440-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11.7		5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	6290		25.0	6.45	ug/L	5		6020B	Total Recoverable
Nickel	3.06	J	5.00	0.422	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0440	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0440	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	50.0		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-8 — Lab Sample ID: 752-41440-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	239		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	529		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0190	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.0190	J	0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	6.10		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-9 — Lab Sample ID: 752-41440-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.78	J	5.00	1.32	ug/L	1		6020B	Total Recoverable
Barium	66.0		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.721	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Manganese	337		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrite as N	0.0375	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.0190	J B	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Sulfate	74.4		10.0	2.80	mg/L	2		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-MW-Dup — Lab Sample ID: 752-41440-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	402		10.0	0.410	ug/L	1		6020B	Total Recoverable
Manganese	481		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nitrate Nitrite as N	0.0350	J B	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
Sulfate	13.6		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 752-41440-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.07	J	10.0	4.04	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-2
Date Collected: 01/28/26 14:40
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 20:28	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 20:28	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 20:28	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 20:28	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 20:28	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 20:28	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 20:28	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 20:28	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 20:28	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 20:28	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 20:28	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 20:28	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 20:28	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 20:28	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 20:28	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 20:28	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 20:28	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 20:28	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 20:28	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 20:28	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 20:28	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 20:28	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 20:28	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 20:28	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 20:28	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 20:28	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 20:28	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 20:28	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 20:28	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 20:28	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 20:28	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 20:28	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 20:28	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 20:28	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 20:28	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 20:28	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 20:28	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 20:28	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 20:28	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 20:28	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 20:28	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 20:28	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 20:28	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 20:28	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 20:28	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 20:28	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 20:28	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 20:28	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 20:28	1

Client Sample ID: 825-MW-2
Date Collected: 01/28/26 14:40
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 20:28	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 20:28	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 20:28	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 20:28	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 20:28	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 20:28	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 20:28	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 20:28	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 20:28	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 20:28	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 20:28	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 20:28	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 20:28	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 20:28	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 20:28	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 20:28	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 20:28	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 20:28	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 20:28	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 20:28	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 20:28	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 20:28	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 20:28*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/04/26 20:28*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/04/26 20:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.304	0.304	ug/L		01/30/26 15:28	02/02/26 15:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*96*		*40 - 150*	*01/30/26 15:28*	*02/02/26 15:55*	*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		01/30/26 15:28	02/02/26 15:55	1
2,4,5-Trichlorophenol	ND		10.1	0.547	ug/L		01/30/26 15:28	02/02/26 15:55	1
2,4,6-Trichlorophenol	ND		10.1	1.10	ug/L		01/30/26 15:28	02/02/26 15:55	1
2,4-Dichlorophenol	ND		10.1	0.578	ug/L		01/30/26 15:28	02/02/26 15:55	1
2,4-Dimethylphenol	ND		10.1	0.243	ug/L		01/30/26 15:28	02/02/26 15:55	1
2,4-Dinitrophenol	ND		30.4	4.74	ug/L		01/30/26 15:28	02/02/26 15:55	1
2,4-Dinitrotoluene	ND		10.1	0.659	ug/L		01/30/26 15:28	02/02/26 15:55	1
2,6-Dinitrotoluene	ND		10.1	0.294	ug/L		01/30/26 15:28	02/02/26 15:55	1
2-Chloronaphthalene	ND		10.1	0.385	ug/L		01/30/26 15:28	02/02/26 15:55	1
2-Chlorophenol	ND		10.1	0.851	ug/L		01/30/26 15:28	02/02/26 15:55	1
2-Methylnaphthalene	ND		10.1	0.821	ug/L		01/30/26 15:28	02/02/26 15:55	1
2-Methylphenol	ND		10.1	0.770	ug/L		01/30/26 15:28	02/02/26 15:55	1

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-2
Lab Sample ID: 752-41440-1
Date Collected: 01/28/26 14:40
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.1	1.39	ug/L		01/30/26 15:28	02/02/26 15:55	1
2-Nitrophenol	ND		10.1	1.19	ug/L		01/30/26 15:28	02/02/26 15:55	1
3 & 4 Methylphenol	ND		20.3	4.66	ug/L		01/30/26 15:28	02/02/26 15:55	1
3,3'-Dichlorobenzidine	ND		11.1	0.416	ug/L		01/30/26 15:28	02/02/26 15:55	1
3-Nitroaniline	ND		10.1	0.963	ug/L		01/30/26 15:28	02/02/26 15:55	1
4,6-Dinitro-2-methylphenol	ND		10.1	2.00	ug/L		01/30/26 15:28	02/02/26 15:55	1
4-Bromophenyl phenyl ether	ND		10.1	0.132	ug/L		01/30/26 15:28	02/02/26 15:55	1
4-Chloro-3-methylphenol	ND		10.1	0.740	ug/L		01/30/26 15:28	02/02/26 15:55	1
4-Chloroaniline	ND		10.1	0.588	ug/L		01/30/26 15:28	02/02/26 15:55	1
4-Chlorophenyl phenyl ether	ND		10.1	0.243	ug/L		01/30/26 15:28	02/02/26 15:55	1
4-Nitroaniline	ND		10.1	3.55	ug/L		01/30/26 15:28	02/02/26 15:55	1
4-Nitrophenol	ND		10.1	2.78	ug/L		01/30/26 15:28	02/02/26 15:55	1
Acenaphthene	ND		10.1	0.639	ug/L		01/30/26 15:28	02/02/26 15:55	1
Acenaphthylene	ND		10.1	0.770	ug/L		01/30/26 15:28	02/02/26 15:55	1
Acetophenone	ND		10.1	3.24	ug/L		01/30/26 15:28	02/02/26 15:55	1
Anthracene	ND		10.1	0.922	ug/L		01/30/26 15:28	02/02/26 15:55	1
Atrazine	ND		10.1	1.15	ug/L		01/30/26 15:28	02/02/26 15:55	1
Benzaldehyde	ND		10.1	0.679	ug/L		01/30/26 15:28	02/02/26 15:55	1
Benzo[a]anthracene	ND		10.1	1.01	ug/L		01/30/26 15:28	02/02/26 15:55	1
Benzo[a]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 15:55	1
Benzo[b]fluoranthene	ND		10.1	1.22	ug/L		01/30/26 15:28	02/02/26 15:55	1
Benzo[g,h,i]perylene	ND		10.1	1.52	ug/L		01/30/26 15:28	02/02/26 15:55	1
Benzo[k]fluoranthene	ND		10.1	1.52	ug/L		01/30/26 15:28	02/02/26 15:55	1
bis (2-chloroisopropyl) ether	ND		10.1	0.943	ug/L		01/30/26 15:28	02/02/26 15:55	1
Bis(2-chloroethoxy)methane	ND		10.1	0.345	ug/L		01/30/26 15:28	02/02/26 15:55	1
Bis(2-chloroethyl)ether	ND		10.1	0.740	ug/L		01/30/26 15:28	02/02/26 15:55	1
Bis(2-ethylhexyl) phthalate	ND		10.1	4.05	ug/L		01/30/26 15:28	02/02/26 15:55	1
Butyl benzyl phthalate	ND		10.1	4.05	ug/L		01/30/26 15:28	02/02/26 15:55	1
Caprolactam	ND		10.1	2.43	ug/L		01/30/26 15:28	02/02/26 15:55	1
Carbazole	ND		10.1	0.324	ug/L		01/30/26 15:28	02/02/26 15:55	1
Chrysene	ND		10.1	1.22	ug/L		01/30/26 15:28	02/02/26 15:55	1
Dibenz(a,h)anthracene	ND		10.1	1.32	ug/L		01/30/26 15:28	02/02/26 15:55	1
Dibenzofuran	ND		10.1	0.649	ug/L		01/30/26 15:28	02/02/26 15:55	1
Diethyl phthalate	ND		10.1	4.05	ug/L		01/30/26 15:28	02/02/26 15:55	1
Dimethyl phthalate	ND		10.1	4.05	ug/L		01/30/26 15:28	02/02/26 15:55	1
Di-n-butyl phthalate	ND		10.1	8.30	ug/L		01/30/26 15:28	02/02/26 15:55	1
Di-n-octyl phthalate	ND		10.1	4.05	ug/L		01/30/26 15:28	02/02/26 15:55	1
Fluoranthene	ND		10.1	0.639	ug/L		01/30/26 15:28	02/02/26 15:55	1
Fluorene	ND		10.1	0.679	ug/L		01/30/26 15:28	02/02/26 15:55	1
Hexachlorobenzene	ND		10.1	0.253	ug/L		01/30/26 15:28	02/02/26 15:55	1
Hexachlorobutadiene	ND		10.1	0.557	ug/L		01/30/26 15:28	02/02/26 15:55	1
Hexachlorocyclopentadiene	ND		20.3	0.324	ug/L		01/30/26 15:28	02/02/26 15:55	1
Hexachloroethane	ND		10.1	0.537	ug/L		01/30/26 15:28	02/02/26 15:55	1
Indeno[1,2,3-cd]pyrene	ND		10.1	1.11	ug/L		01/30/26 15:28	02/02/26 15:55	1
Isophorone	ND		10.1	0.811	ug/L		01/30/26 15:28	02/02/26 15:55	1
Naphthalene	ND		10.1	0.760	ug/L		01/30/26 15:28	02/02/26 15:55	1
Nitrobenzene	ND		10.1	0.608	ug/L		01/30/26 15:28	02/02/26 15:55	1
N-Nitrosodi-n-propylamine	ND		10.1	0.334	ug/L		01/30/26 15:28	02/02/26 15:55	1
N-Nitrosodiphenylamine	ND		10.1	0.193	ug/L		01/30/26 15:28	02/02/26 15:55	1

Client Sample ID: 825-MW-2
Date Collected: 01/28/26 14:40
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.1	2.84	ug/L		01/30/26 15:28	02/02/26 15:55	1
Phenanthrene	ND		10.1	0.750	ug/L		01/30/26 15:28	02/02/26 15:55	1
Phenol	ND		10.1	0.689	ug/L		01/30/26 15:28	02/02/26 15:55	1
Pyrene	ND		10.1	0.639	ug/L		01/30/26 15:28	02/02/26 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 150*	*01/30/26 15:28*	*02/02/26 15:55*	*1*
2-Fluorobiphenyl (Surr)	*80*		*25 - 139*	*01/30/26 15:28*	*02/02/26 15:55*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 150*	*01/30/26 15:28*	*02/02/26 15:55*	*1*
Nitrobenzene-d5 (Surr)	*83*		*22 - 150*	*01/30/26 15:28*	*02/02/26 15:55*	*1*
Phenol-d5 (Surr)	*85*		*10 - 150*	*01/30/26 15:28*	*02/02/26 15:55*	*1*
Terphenyl-d14 (Surr)	*41*		*28 - 150*	*01/30/26 15:28*	*02/02/26 15:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/04/26 18:58	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/04/26 18:58	1
Barium	**393**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 05:39	1
Beryllium	**0.163**	**J ^+**	1.00	0.147	ug/L		02/01/26 15:57	02/04/26 18:58	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/04/26 18:58	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/04/26 18:58	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/04/26 18:58	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/04/26 18:58	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/04/26 18:58	1
Manganese	**448**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 05:39	1
Nickel	ND		50.0	4.22	ug/L		02/01/26 15:57	02/05/26 17:51	10
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 05:39	1
Silver	**0.636**	**J**	1.00	0.167	ug/L		02/01/26 15:57	02/03/26 05:39	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/04/26 18:58	1
Vanadium	**7.92**		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 05:39	1
Zinc	**10.3**		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 05:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:10	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:20	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.130**	**B**	0.100	0.0100	mg/L			01/30/26 14:03	1
Nitrate as N (SM Nitrate by calc)	**0.130**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**9.03**		5.00	1.40	mg/L			01/31/26 17:41	1

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-3
Lab Sample ID: 752-41440-2
Date Collected: 01/28/26 14:10
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 20:29	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 20:29	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 20:29	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 20:29	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 20:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 20:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 20:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 20:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 20:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 20:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 20:29	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 20:29	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 20:29	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 20:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 20:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 20:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 20:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 20:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 20:29	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 20:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 20:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 20:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 20:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 20:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 20:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 20:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 20:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 20:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 20:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 20:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 20:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 20:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 20:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 20:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 20:29	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 20:29	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 20:29	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 20:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 20:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 20:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 20:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 20:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 20:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 20:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 20:29	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 20:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 20:29	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 20:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 20:29	1

Client Sample ID: 825-MW-3
Date Collected: 01/28/26 14:10
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 20:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 20:29	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 20:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 20:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 20:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 20:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 20:29	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 20:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 20:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 20:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 20:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 20:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 20:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 20:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 20:29	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 20:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 20:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 20:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 20:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 20:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 20:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 20:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/05/26 20:29*	*1*
Dibromofluoromethane	*116*		*77 - 121*		*02/05/26 20:29*	*1*
Toluene-d8 (Surr)	*105*		*79 - 119*		*02/05/26 20:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.298	0.298	ug/L		01/30/26 15:28	02/02/26 16:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*93*		*40 - 150*	*01/30/26 15:28*	*02/02/26 16:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.93	0.417	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,4,5-Trichlorophenol	ND		9.93	0.536	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,4,6-Trichlorophenol	ND		9.93	1.08	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,4-Dichlorophenol	ND		9.93	0.566	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,4-Dimethylphenol	ND		9.93	0.238	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,4-Dinitrophenol	ND		29.8	4.65	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,4-Dinitrotoluene	ND		9.93	0.646	ug/L		01/30/26 15:28	02/02/26 16:25	1
2,6-Dinitrotoluene	ND		9.93	0.288	ug/L		01/30/26 15:28	02/02/26 16:25	1
2-Chloronaphthalene	ND		9.93	0.377	ug/L		01/30/26 15:28	02/02/26 16:25	1
2-Chlorophenol	ND		9.93	0.834	ug/L		01/30/26 15:28	02/02/26 16:25	1
2-Methylnaphthalene	ND		9.93	0.805	ug/L		01/30/26 15:28	02/02/26 16:25	1
2-Methylphenol	ND		9.93	0.755	ug/L		01/30/26 15:28	02/02/26 16:25	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-3
Date Collected: 01/28/26 14:10
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.93	1.36	ug/L		01/30/26 15:28	02/02/26 16:25	1
2-Nitrophenol	ND		9.93	1.16	ug/L		01/30/26 15:28	02/02/26 16:25	1
3 & 4 Methylphenol	ND		19.9	4.57	ug/L		01/30/26 15:28	02/02/26 16:25	1
3,3'-Dichlorobenzidine	ND		10.9	0.407	ug/L		01/30/26 15:28	02/02/26 16:25	1
3-Nitroaniline	ND		9.93	0.944	ug/L		01/30/26 15:28	02/02/26 16:25	1
4,6-Dinitro-2-methylphenol	ND		9.93	1.96	ug/L		01/30/26 15:28	02/02/26 16:25	1
4-Bromophenyl phenyl ether	ND		9.93	0.129	ug/L		01/30/26 15:28	02/02/26 16:25	1
4-Chloro-3-methylphenol	ND		9.93	0.725	ug/L		01/30/26 15:28	02/02/26 16:25	1
4-Chloroaniline	ND		9.93	0.576	ug/L		01/30/26 15:28	02/02/26 16:25	1
4-Chlorophenyl phenyl ether	ND		9.93	0.238	ug/L		01/30/26 15:28	02/02/26 16:25	1
4-Nitroaniline	ND		9.93	3.48	ug/L		01/30/26 15:28	02/02/26 16:25	1
4-Nitrophenol	ND		9.93	2.72	ug/L		01/30/26 15:28	02/02/26 16:25	1
Acenaphthene	ND		9.93	0.626	ug/L		01/30/26 15:28	02/02/26 16:25	1
Acenaphthylene	ND		9.93	0.755	ug/L		01/30/26 15:28	02/02/26 16:25	1
Acetophenone	ND		9.93	3.18	ug/L		01/30/26 15:28	02/02/26 16:25	1
Anthracene	ND		9.93	0.904	ug/L		01/30/26 15:28	02/02/26 16:25	1
Atrazine	ND		9.93	1.12	ug/L		01/30/26 15:28	02/02/26 16:25	1
Benzaldehyde	ND		9.93	0.666	ug/L		01/30/26 15:28	02/02/26 16:25	1
Benzo[a]anthracene	ND		9.93	0.993	ug/L		01/30/26 15:28	02/02/26 16:25	1
Benzo[a]pyrene	ND		9.93	1.09	ug/L		01/30/26 15:28	02/02/26 16:25	1
Benzo[b]fluoranthene	ND		9.93	1.19	ug/L		01/30/26 15:28	02/02/26 16:25	1
Benzo[g,h,i]perylene	ND		9.93	1.49	ug/L		01/30/26 15:28	02/02/26 16:25	1
Benzo[k]fluoranthene	ND		9.93	1.49	ug/L		01/30/26 15:28	02/02/26 16:25	1
bis (2-chloroisopropyl) ether	ND		9.93	0.924	ug/L		01/30/26 15:28	02/02/26 16:25	1
Bis(2-chloroethoxy)methane	ND		9.93	0.338	ug/L		01/30/26 15:28	02/02/26 16:25	1
Bis(2-chloroethyl)ether	ND		9.93	0.725	ug/L		01/30/26 15:28	02/02/26 16:25	1
Bis(2-ethylhexyl) phthalate	ND		9.93	3.97	ug/L		01/30/26 15:28	02/02/26 16:25	1
Butyl benzyl phthalate	ND		9.93	3.97	ug/L		01/30/26 15:28	02/02/26 16:25	1
Caprolactam	ND		9.93	2.38	ug/L		01/30/26 15:28	02/02/26 16:25	1
Carbazole	ND		9.93	0.318	ug/L		01/30/26 15:28	02/02/26 16:25	1
Chrysene	ND		9.93	1.19	ug/L		01/30/26 15:28	02/02/26 16:25	1
Dibenz(a,h)anthracene	ND		9.93	1.29	ug/L		01/30/26 15:28	02/02/26 16:25	1
Dibenzofuran	ND		9.93	0.636	ug/L		01/30/26 15:28	02/02/26 16:25	1
Diethyl phthalate	ND		9.93	3.97	ug/L		01/30/26 15:28	02/02/26 16:25	1
Dimethyl phthalate	ND		9.93	3.97	ug/L		01/30/26 15:28	02/02/26 16:25	1
Di-n-butyl phthalate	ND		9.93	8.14	ug/L		01/30/26 15:28	02/02/26 16:25	1
Di-n-octyl phthalate	ND		9.93	3.97	ug/L		01/30/26 15:28	02/02/26 16:25	1
Fluoranthene	ND		9.93	0.626	ug/L		01/30/26 15:28	02/02/26 16:25	1
Fluorene	ND		9.93	0.666	ug/L		01/30/26 15:28	02/02/26 16:25	1
Hexachlorobenzene	ND		9.93	0.248	ug/L		01/30/26 15:28	02/02/26 16:25	1
Hexachlorobutadiene	ND		9.93	0.546	ug/L		01/30/26 15:28	02/02/26 16:25	1
Hexachlorocyclopentadiene	ND		19.9	0.318	ug/L		01/30/26 15:28	02/02/26 16:25	1
Hexachloroethane	ND		9.93	0.526	ug/L		01/30/26 15:28	02/02/26 16:25	1
Indeno[1,2,3-cd]pyrene	ND		9.93	1.09	ug/L		01/30/26 15:28	02/02/26 16:25	1
Isophorone	ND		9.93	0.795	ug/L		01/30/26 15:28	02/02/26 16:25	1
Naphthalene	ND		9.93	0.745	ug/L		01/30/26 15:28	02/02/26 16:25	1
Nitrobenzene	ND		9.93	0.596	ug/L		01/30/26 15:28	02/02/26 16:25	1
N-Nitrosodi-n-propylamine	ND		9.93	0.328	ug/L		01/30/26 15:28	02/02/26 16:25	1
N-Nitrosodiphenylamine	ND		9.93	0.189	ug/L		01/30/26 15:28	02/02/26 16:25	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-3

Date Collected: 01/28/26 14:10
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.93	2.78	ug/L		01/30/26 15:28	02/02/26 16:25	1
Phenanthrene	ND		9.93	0.735	ug/L		01/30/26 15:28	02/02/26 16:25	1
Phenol	ND		9.93	0.675	ug/L		01/30/26 15:28	02/02/26 16:25	1
Pyrene	ND		9.93	0.626	ug/L		01/30/26 15:28	02/02/26 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 150*	*01/30/26 15:28*	*02/02/26 16:25*	*1*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*	*01/30/26 15:28*	*02/02/26 16:25*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*01/30/26 15:28*	*02/02/26 16:25*	*1*
Nitrobenzene-d5 (Surr)	*85*		*22 - 150*	*01/30/26 15:28*	*02/02/26 16:25*	*1*
Phenol-d5 (Surr)	*84*		*10 - 150*	*01/30/26 15:28*	*02/02/26 16:25*	*1*
Terphenyl-d14 (Surr)	*39*		*28 - 150*	*01/30/26 15:28*	*02/02/26 16:25*	*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		02/01/26 15:57	02/03/26 05:50	1
Arsenic	**4.76**	**J**	5.00	1.32	ug/L		02/01/26 15:57	02/03/26 05:50	1
Barium	**120**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 05:50	1
Beryllium	**0.484**	**J**	1.00	0.147	ug/L		02/01/26 15:57	02/03/26 05:50	1
Cadmium	**0.675**	**J**	0.700	0.237	ug/L		02/01/26 15:57	02/03/26 05:50	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 05:50	1
Cobalt	**26.7**		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 05:50	1
Copper	**1.95**	**J**	2.00	0.642	ug/L		02/01/26 15:57	02/03/26 05:50	1
Lead	**2.39**		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 05:50	1
Manganese	**1760**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 05:50	1
Nickel	**5.02**		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 05:50	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 05:50	1
Silver	**0.177**	**J**	1.00	0.167	ug/L		02/01/26 15:57	02/03/26 05:50	1
Thallium	**0.221**	**J B**	1.00	0.190	ug/L		02/01/26 15:57	02/04/26 19:19	1
Vanadium	**2.49**	**J**	5.00	1.22	ug/L		02/01/26 15:57	02/03/26 05:50	1
Zinc	**9.23**	**J**	10.0	8.91	ug/L		02/01/26 15:57	02/03/26 05:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.0388**	**J**	0.0500	0.0200	mg/L			01/30/26 13:12	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:21	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0640**	**J B**	0.100	0.0100	mg/L			01/30/26 14:06	1
Nitrate as N (SM Nitrate by calc)	**0.0640**	**J**	0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**74.0**		10.0	2.80	mg/L			01/31/26 18:08	2

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-4
Date Collected: 01/28/26 12:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 21:18	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 21:18	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 21:18	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 21:18	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 21:18	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 21:18	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 21:18	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 21:18	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 21:18	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 21:18	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 21:18	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 21:18	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 21:18	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 21:18	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 21:18	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 21:18	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 21:18	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 21:18	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 21:18	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 21:18	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 21:18	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 21:18	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 21:18	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 21:18	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 21:18	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 21:18	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 21:18	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 21:18	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 21:18	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 21:18	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 21:18	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 21:18	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 21:18	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 21:18	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 21:18	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 21:18	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 21:18	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 21:18	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 21:18	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 21:18	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 21:18	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 21:18	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 21:18	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 21:18	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 21:18	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 21:18	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 21:18	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 21:18	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 21:18	1

Client Sample ID: 825-MW-4
Date Collected: 01/28/26 12:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 21:18	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 21:18	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 21:18	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 21:18	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 21:18	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 21:18	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 21:18	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 21:18	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 21:18	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 21:18	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 21:18	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 21:18	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 21:18	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 21:18	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 21:18	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 21:18	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 21:18	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 21:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 21:18	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 21:18	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 21:18	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 21:18	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 21:18	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 21:18*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/04/26 21:18*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/04/26 21:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.311	0.311	ug/L		01/30/26 15:28	02/02/26 16:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*98*		*40 - 150*	*01/30/26 15:28*	*02/02/26 16:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.4	0.436	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,4,5-Trichlorophenol	ND		10.4	0.561	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,4,6-Trichlorophenol	ND		10.4	1.13	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,4-Dichlorophenol	ND		10.4	0.592	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,4-Dimethylphenol	ND		10.4	0.249	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,4-Dinitrophenol	ND		31.1	4.86	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,4-Dinitrotoluene	ND		10.4	0.675	ug/L		01/30/26 15:28	02/02/26 16:55	1
2,6-Dinitrotoluene	ND		10.4	0.301	ug/L		01/30/26 15:28	02/02/26 16:55	1
2-Chloronaphthalene	ND		10.4	0.394	ug/L		01/30/26 15:28	02/02/26 16:55	1
2-Chlorophenol	ND		10.4	0.872	ug/L		01/30/26 15:28	02/02/26 16:55	1
2-Methylnaphthalene	ND		10.4	0.841	ug/L		01/30/26 15:28	02/02/26 16:55	1
2-Methylphenol	ND		10.4	0.789	ug/L		01/30/26 15:28	02/02/26 16:55	1

Client Sample ID: 825-MW-4
Date Collected: 01/28/26 12:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.4	1.42	ug/L		01/30/26 15:28	02/02/26 16:55	1
2-Nitrophenol	ND		10.4	1.21	ug/L		01/30/26 15:28	02/02/26 16:55	1
3 & 4 Methylphenol	ND		20.8	4.78	ug/L		01/30/26 15:28	02/02/26 16:55	1
3,3'-Dichlorobenzidine	ND		11.4	0.426	ug/L		01/30/26 15:28	02/02/26 16:55	1
3-Nitroaniline	ND		10.4	0.986	ug/L		01/30/26 15:28	02/02/26 16:55	1
4,6-Dinitro-2-methylphenol	ND		10.4	2.04	ug/L		01/30/26 15:28	02/02/26 16:55	1
4-Bromophenyl phenyl ether	ND		10.4	0.135	ug/L		01/30/26 15:28	02/02/26 16:55	1
4-Chloro-3-methylphenol	ND		10.4	0.758	ug/L		01/30/26 15:28	02/02/26 16:55	1
4-Chloroaniline	ND		10.4	0.602	ug/L		01/30/26 15:28	02/02/26 16:55	1
4-Chlorophenyl phenyl ether	ND		10.4	0.249	ug/L		01/30/26 15:28	02/02/26 16:55	1
4-Nitroaniline	ND		10.4	3.63	ug/L		01/30/26 15:28	02/02/26 16:55	1
4-Nitrophenol	ND		10.4	2.84	ug/L		01/30/26 15:28	02/02/26 16:55	1
Acenaphthene	ND		10.4	0.654	ug/L		01/30/26 15:28	02/02/26 16:55	1
Acenaphthylene	ND		10.4	0.789	ug/L		01/30/26 15:28	02/02/26 16:55	1
Acetophenone	ND		10.4	3.32	ug/L		01/30/26 15:28	02/02/26 16:55	1
Anthracene	ND		10.4	0.945	ug/L		01/30/26 15:28	02/02/26 16:55	1
Atrazine	ND		10.4	1.17	ug/L		01/30/26 15:28	02/02/26 16:55	1
Benzaldehyde	ND		10.4	0.696	ug/L		01/30/26 15:28	02/02/26 16:55	1
Benzo[a]anthracene	ND		10.4	1.04	ug/L		01/30/26 15:28	02/02/26 16:55	1
Benzo[a]pyrene	ND		10.4	1.14	ug/L		01/30/26 15:28	02/02/26 16:55	1
Benzo[b]fluoranthene	ND		10.4	1.25	ug/L		01/30/26 15:28	02/02/26 16:55	1
Benzo[g,h,i]perylene	ND		10.4	1.56	ug/L		01/30/26 15:28	02/02/26 16:55	1
Benzo[k]fluoranthene	ND		10.4	1.56	ug/L		01/30/26 15:28	02/02/26 16:55	1
bis (2-chloroisopropyl) ether	ND		10.4	0.965	ug/L		01/30/26 15:28	02/02/26 16:55	1
Bis(2-chloroethoxy)methane	ND		10.4	0.353	ug/L		01/30/26 15:28	02/02/26 16:55	1
Bis(2-chloroethyl)ether	ND		10.4	0.758	ug/L		01/30/26 15:28	02/02/26 16:55	1
Bis(2-ethylhexyl) phthalate	ND		10.4	4.15	ug/L		01/30/26 15:28	02/02/26 16:55	1
Butyl benzyl phthalate	ND		10.4	4.15	ug/L		01/30/26 15:28	02/02/26 16:55	1
Caprolactam	**8.01**	**J**	10.4	2.49	ug/L		01/30/26 15:28	02/04/26 16:12	1
Carbazole	ND		10.4	0.332	ug/L		01/30/26 15:28	02/02/26 16:55	1
Chrysene	ND		10.4	1.25	ug/L		01/30/26 15:28	02/02/26 16:55	1
Dibenz(a,h)anthracene	ND		10.4	1.35	ug/L		01/30/26 15:28	02/02/26 16:55	1
Dibenzofuran	ND		10.4	0.664	ug/L		01/30/26 15:28	02/02/26 16:55	1
Diethyl phthalate	ND		10.4	4.15	ug/L		01/30/26 15:28	02/02/26 16:55	1
Dimethyl phthalate	ND		10.4	4.15	ug/L		01/30/26 15:28	02/02/26 16:55	1
Di-n-butyl phthalate	ND		10.4	8.50	ug/L		01/30/26 15:28	02/02/26 16:55	1
Di-n-octyl phthalate	ND		10.4	4.15	ug/L		01/30/26 15:28	02/02/26 16:55	1
Fluoranthene	ND		10.4	0.654	ug/L		01/30/26 15:28	02/02/26 16:55	1
Fluorene	ND		10.4	0.696	ug/L		01/30/26 15:28	02/02/26 16:55	1
Hexachlorobenzene	ND		10.4	0.260	ug/L		01/30/26 15:28	02/02/26 16:55	1
Hexachlorobutadiene	ND		10.4	0.571	ug/L		01/30/26 15:28	02/02/26 16:55	1
Hexachlorocyclopentadiene	ND		20.8	0.332	ug/L		01/30/26 15:28	02/02/26 16:55	1
Hexachloroethane	ND		10.4	0.550	ug/L		01/30/26 15:28	02/02/26 16:55	1
Indeno[1,2,3-cd]pyrene	ND		10.4	1.14	ug/L		01/30/26 15:28	02/02/26 16:55	1
Isophorone	ND		10.4	0.830	ug/L		01/30/26 15:28	02/02/26 16:55	1
Naphthalene	ND		10.4	0.779	ug/L		01/30/26 15:28	02/02/26 16:55	1
Nitrobenzene	ND		10.4	0.623	ug/L		01/30/26 15:28	02/02/26 16:55	1
N-Nitrosodi-n-propylamine	ND		10.4	0.343	ug/L		01/30/26 15:28	02/02/26 16:55	1
N-Nitrosodiphenylamine	ND		10.4	0.197	ug/L		01/30/26 15:28	02/02/26 16:55	1

Client Sample ID: 825-MW-4
Date Collected: 01/28/26 12:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.4	2.91	ug/L		01/30/26 15:28	02/02/26 16:55	1
Phenanthrene	ND		10.4	0.768	ug/L		01/30/26 15:28	02/02/26 16:55	1
Phenol	ND		10.4	0.706	ug/L		01/30/26 15:28	02/02/26 16:55	1
Pyrene	ND		10.4	0.654	ug/L		01/30/26 15:28	02/02/26 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 150*	*01/30/26 15:28*	*02/02/26 16:55*	*1*
2-Fluorobiphenyl (Surr)	*77*		*25 - 139*	*01/30/26 15:28*	*02/02/26 16:55*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 150*	*01/30/26 15:28*	*02/02/26 16:55*	*1*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*	*01/30/26 15:28*	*02/02/26 16:55*	*1*
Phenol-d5 (Surr)	*78*		*10 - 150*	*01/30/26 15:28*	*02/02/26 16:55*	*1*
Terphenyl-d14 (Surr)	*44*		*28 - 150*	*01/30/26 15:28*	*02/02/26 16:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 05:53	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 05:53	1
Barium	**137**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 05:53	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 05:53	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 05:53	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 05:53	1
Cobalt	**4.42**	**J**	5.00	0.411	ug/L		02/01/26 15:57	02/03/26 05:53	1
Copper	**1.36**	**J**	2.00	0.642	ug/L		02/01/26 15:57	02/03/26 05:53	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 05:53	1
Manganese	**1130**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 05:53	1
Nickel	**1.59**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 05:53	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 05:53	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 05:53	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 05:53	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 05:53	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 05:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:13	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:22	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0190**	**J B**	0.100	0.0100	mg/L			01/30/26 14:08	1
Nitrate as N (SM Nitrate by calc)	**0.0190**	**J**	0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**164**		25.0	7.00	mg/L			01/31/26 18:08	5

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-5
Date Collected: 01/28/26 13:00
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 21:43	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 21:43	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 21:43	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 21:43	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 21:43	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 21:43	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 21:43	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 21:43	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 21:43	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 21:43	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 21:43	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 21:43	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 21:43	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 21:43	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 21:43	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 21:43	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 21:43	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 21:43	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 21:43	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 21:43	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 21:43	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 21:43	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 21:43	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 21:43	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 21:43	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 21:43	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 21:43	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 21:43	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 21:43	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 21:43	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 21:43	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 21:43	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 21:43	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 21:43	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 21:43	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 21:43	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 21:43	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 21:43	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 21:43	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 21:43	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 21:43	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 21:43	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 21:43	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 21:43	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 21:43	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 21:43	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 21:43	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 21:43	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 21:43	1

Client Sample ID: 825-MW-5
Date Collected: 01/28/26 13:00
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 21:43	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 21:43	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 21:43	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 21:43	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 21:43	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 21:43	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 21:43	1
Toluene	**0.246**	**J**	1.00	0.197	ug/L			02/04/26 21:43	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 21:43	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 21:43	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 21:43	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 21:43	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 21:43	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 21:43	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 21:43	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 21:43	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 21:43	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 21:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 21:43	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 21:43	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 21:43	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 21:43	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 21:43	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/04/26 21:43*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/04/26 21:43*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/04/26 21:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		01/30/26 15:28	02/02/26 17:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*99*		*40 - 150*	*01/30/26 15:28*	*02/02/26 17:25*	*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		01/30/26 15:28	02/02/26 17:25	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		01/30/26 15:28	02/02/26 17:25	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/30/26 15:28	02/02/26 17:25	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		01/30/26 15:28	02/02/26 17:25	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		01/30/26 15:28	02/02/26 17:25	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		01/30/26 15:28	02/02/26 17:25	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		01/30/26 15:28	02/02/26 17:25	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		01/30/26 15:28	02/02/26 17:25	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		01/30/26 15:28	02/02/26 17:25	1
2-Chlorophenol	ND		10.2	0.857	ug/L		01/30/26 15:28	02/02/26 17:25	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		01/30/26 15:28	02/02/26 17:25	1
2-Methylphenol	ND		10.2	0.776	ug/L		01/30/26 15:28	02/02/26 17:25	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-5
Date Collected: 01/28/26 13:00
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		01/30/26 15:28	02/02/26 17:25	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/30/26 15:28	02/02/26 17:25	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		01/30/26 15:28	02/02/26 17:25	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		01/30/26 15:28	02/02/26 17:25	1
3-Nitroaniline	ND		10.2	0.969	ug/L		01/30/26 15:28	02/02/26 17:25	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		01/30/26 15:28	02/02/26 17:25	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		01/30/26 15:28	02/02/26 17:25	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		01/30/26 15:28	02/02/26 17:25	1
4-Chloroaniline	ND		10.2	0.592	ug/L		01/30/26 15:28	02/02/26 17:25	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		01/30/26 15:28	02/02/26 17:25	1
4-Nitroaniline	ND		10.2	3.57	ug/L		01/30/26 15:28	02/02/26 17:25	1
4-Nitrophenol	ND		10.2	2.80	ug/L		01/30/26 15:28	02/02/26 17:25	1
Acenaphthene	ND		10.2	0.643	ug/L		01/30/26 15:28	02/02/26 17:25	1
Acenaphthylene	ND		10.2	0.776	ug/L		01/30/26 15:28	02/02/26 17:25	1
Acetophenone	ND		10.2	3.27	ug/L		01/30/26 15:28	02/02/26 17:25	1
Anthracene	ND		10.2	0.929	ug/L		01/30/26 15:28	02/02/26 17:25	1
Atrazine	ND		10.2	1.15	ug/L		01/30/26 15:28	02/02/26 17:25	1
Benzaldehyde	ND		10.2	0.684	ug/L		01/30/26 15:28	02/02/26 17:25	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/30/26 15:28	02/02/26 17:25	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 17:25	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 17:25	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 17:25	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 17:25	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		01/30/26 15:28	02/02/26 17:25	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		01/30/26 15:28	02/02/26 17:25	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		01/30/26 15:28	02/02/26 17:25	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 17:25	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 17:25	1
Caprolactam	ND		10.2	2.45	ug/L		01/30/26 15:28	02/02/26 17:25	1
Carbazole	ND		10.2	0.327	ug/L		01/30/26 15:28	02/02/26 17:25	1
Chrysene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 17:25	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		01/30/26 15:28	02/02/26 17:25	1
Dibenzofuran	ND		10.2	0.653	ug/L		01/30/26 15:28	02/02/26 17:25	1
Diethyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 17:25	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 17:25	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		01/30/26 15:28	02/02/26 17:25	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		01/30/26 15:28	02/02/26 17:25	1
Fluoranthene	ND		10.2	0.643	ug/L		01/30/26 15:28	02/02/26 17:25	1
Fluorene	ND		10.2	0.684	ug/L		01/30/26 15:28	02/02/26 17:25	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		01/30/26 15:28	02/02/26 17:25	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		01/30/26 15:28	02/02/26 17:25	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		01/30/26 15:28	02/02/26 17:25	1
Hexachloroethane	ND		10.2	0.541	ug/L		01/30/26 15:28	02/02/26 17:25	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 17:25	1
Isophorone	ND		10.2	0.816	ug/L		01/30/26 15:28	02/02/26 17:25	1
Naphthalene	ND		10.2	0.765	ug/L		01/30/26 15:28	02/02/26 17:25	1
Nitrobenzene	ND		10.2	0.612	ug/L		01/30/26 15:28	02/02/26 17:25	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		01/30/26 15:28	02/02/26 17:25	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		01/30/26 15:28	02/02/26 17:25	1

Client Sample ID: 825-MW-5

Date Collected: 01/28/26 13:00
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.86	ug/L		01/30/26 15:28	02/02/26 17:25	1
Phenanthrene	ND		10.2	0.755	ug/L		01/30/26 15:28	02/02/26 17:25	1
Phenol	ND		10.2	0.694	ug/L		01/30/26 15:28	02/02/26 17:25	1
Pyrene	ND		10.2	0.643	ug/L		01/30/26 15:28	02/02/26 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*01/30/26 15:28*	*02/02/26 17:25*	*1*
2-Fluorobiphenyl (Surr)	*70*		*25 - 139*	*01/30/26 15:28*	*02/02/26 17:25*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 150*	*01/30/26 15:28*	*02/02/26 17:25*	*1*
Nitrobenzene-d5 (Surr)	*85*		*22 - 150*	*01/30/26 15:28*	*02/02/26 17:25*	*1*
Phenol-d5 (Surr)	*86*		*10 - 150*	*01/30/26 15:28*	*02/02/26 17:25*	*1*
Terphenyl-d14 (Surr)	*40*		*28 - 150*	*01/30/26 15:28*	*02/02/26 17:25*	*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		02/01/26 15:57	02/03/26 05:55	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 05:55	1
Barium	**180**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 05:55	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 05:55	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 05:55	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 05:55	1
Cobalt	**9.09**		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 05:55	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 05:55	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 05:55	1
Manganese	**3360**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 05:55	1
Nickel	**3.24**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 05:55	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 05:55	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 05:55	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 05:55	1
Vanadium	**1.59**	**J**	5.00	1.22	ug/L		02/01/26 15:57	02/03/26 05:55	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 05:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:15	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:23	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.116**	**B**	0.100	0.0100	mg/L			01/30/26 14:10	1
Nitrate as N (SM Nitrate by calc)	**0.116**		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**104**		25.0	7.00	mg/L			01/31/26 18:21	5

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-6
Date Collected: 01/28/26 11:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 22:08	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 22:08	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 22:08	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 22:08	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 22:08	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 22:08	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 22:08	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 22:08	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 22:08	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 22:08	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 22:08	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 22:08	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 22:08	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 22:08	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 22:08	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 22:08	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 22:08	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 22:08	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 22:08	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 22:08	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 22:08	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 22:08	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 22:08	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 22:08	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 22:08	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 22:08	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 22:08	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 22:08	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 22:08	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 22:08	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 22:08	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 22:08	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 22:08	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 22:08	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 22:08	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 22:08	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 22:08	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 22:08	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 22:08	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 22:08	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 22:08	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 22:08	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 22:08	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 22:08	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 22:08	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 22:08	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 22:08	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 22:08	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 22:08	1

Client Sample ID: 825-MW-6
Date Collected: 01/28/26 11:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 22:08	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 22:08	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 22:08	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 22:08	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 22:08	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 22:08	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 22:08	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 22:08	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 22:08	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 22:08	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 22:08	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 22:08	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 22:08	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 22:08	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 22:08	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 22:08	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 22:08	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 22:08	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 22:08	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 22:08	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 22:08	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 22:08	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 22:08*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/04/26 22:08*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*02/04/26 22:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.299	0.299	ug/L		01/30/26 15:28	02/02/26 17:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*101*		*40 - 150*	*01/30/26 15:28*	*02/02/26 17:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.97	0.419	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,4,5-Trichlorophenol	ND		9.97	0.538	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,4,6-Trichlorophenol	ND		9.97	1.09	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,4-Dichlorophenol	ND		9.97	0.568	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,4-Dimethylphenol	ND		9.97	0.239	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,4-Dinitrophenol	ND		29.9	4.66	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,4-Dinitrotoluene	ND		9.97	0.648	ug/L		01/30/26 15:28	02/02/26 17:55	1
2,6-Dinitrotoluene	ND		9.97	0.289	ug/L		01/30/26 15:28	02/02/26 17:55	1
2-Chloronaphthalene	ND		9.97	0.379	ug/L		01/30/26 15:28	02/02/26 17:55	1
2-Chlorophenol	ND		9.97	0.837	ug/L		01/30/26 15:28	02/02/26 17:55	1
2-Methylnaphthalene	ND		9.97	0.807	ug/L		01/30/26 15:28	02/02/26 17:55	1
2-Methylphenol	ND		9.97	0.757	ug/L		01/30/26 15:28	02/02/26 17:55	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-6
Date Collected: 01/28/26 11:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.97	1.37	ug/L		01/30/26 15:28	02/02/26 17:55	1
2-Nitrophenol	ND		9.97	1.17	ug/L		01/30/26 15:28	02/02/26 17:55	1
3 & 4 Methylphenol	ND		19.9	4.58	ug/L		01/30/26 15:28	02/02/26 17:55	1
3,3'-Dichlorobenzidine	ND		11.0	0.409	ug/L		01/30/26 15:28	02/02/26 17:55	1
3-Nitroaniline	ND		9.97	0.947	ug/L		01/30/26 15:28	02/02/26 17:55	1
4,6-Dinitro-2-methylphenol	ND		9.97	1.96	ug/L		01/30/26 15:28	02/02/26 17:55	1
4-Bromophenyl phenyl ether	ND		9.97	0.130	ug/L		01/30/26 15:28	02/02/26 17:55	1
4-Chloro-3-methylphenol	ND		9.97	0.728	ug/L		01/30/26 15:28	02/02/26 17:55	1
4-Chloroaniline	ND		9.97	0.578	ug/L		01/30/26 15:28	02/02/26 17:55	1
4-Chlorophenyl phenyl ether	ND		9.97	0.239	ug/L		01/30/26 15:28	02/02/26 17:55	1
4-Nitroaniline	ND		9.97	3.49	ug/L		01/30/26 15:28	02/02/26 17:55	1
4-Nitrophenol	ND		9.97	2.73	ug/L		01/30/26 15:28	02/02/26 17:55	1
Acenaphthene	ND		9.97	0.628	ug/L		01/30/26 15:28	02/02/26 17:55	1
Acenaphthylene	ND		9.97	0.757	ug/L		01/30/26 15:28	02/02/26 17:55	1
Acetophenone	ND		9.97	3.19	ug/L		01/30/26 15:28	02/02/26 17:55	1
Anthracene	ND		9.97	0.907	ug/L		01/30/26 15:28	02/02/26 17:55	1
Atrazine	ND		9.97	1.13	ug/L		01/30/26 15:28	02/02/26 17:55	1
Benzaldehyde	ND		9.97	0.668	ug/L		01/30/26 15:28	02/02/26 17:55	1
Benzo[a]anthracene	ND		9.97	0.997	ug/L		01/30/26 15:28	02/02/26 17:55	1
Benzo[a]pyrene	ND		9.97	1.10	ug/L		01/30/26 15:28	02/02/26 17:55	1
Benzo[b]fluoranthene	ND		9.97	1.20	ug/L		01/30/26 15:28	02/02/26 17:55	1
Benzo[g,h,i]perylene	ND		9.97	1.50	ug/L		01/30/26 15:28	02/02/26 17:55	1
Benzo[k]fluoranthene	ND		9.97	1.50	ug/L		01/30/26 15:28	02/02/26 17:55	1
bis (2-chloroisopropyl) ether	ND		9.97	0.927	ug/L		01/30/26 15:28	02/02/26 17:55	1
Bis(2-chloroethoxy)methane	ND		9.97	0.339	ug/L		01/30/26 15:28	02/02/26 17:55	1
Bis(2-chloroethyl)ether	ND		9.97	0.728	ug/L		01/30/26 15:28	02/02/26 17:55	1
Bis(2-ethylhexyl) phthalate	ND		9.97	3.99	ug/L		01/30/26 15:28	02/02/26 17:55	1
Butyl benzyl phthalate	ND		9.97	3.99	ug/L		01/30/26 15:28	02/02/26 17:55	1
Caprolactam	ND		9.97	2.39	ug/L		01/30/26 15:28	02/02/26 17:55	1
Carbazole	ND		9.97	0.319	ug/L		01/30/26 15:28	02/02/26 17:55	1
Chrysene	ND		9.97	1.20	ug/L		01/30/26 15:28	02/02/26 17:55	1
Dibenz(a,h)anthracene	ND		9.97	1.30	ug/L		01/30/26 15:28	02/02/26 17:55	1
Dibenzofuran	ND		9.97	0.638	ug/L		01/30/26 15:28	02/02/26 17:55	1
Diethyl phthalate	ND		9.97	3.99	ug/L		01/30/26 15:28	02/02/26 17:55	1
Dimethyl phthalate	ND		9.97	3.99	ug/L		01/30/26 15:28	02/02/26 17:55	1
Di-n-butyl phthalate	ND		9.97	8.16	ug/L		01/30/26 15:28	02/02/26 17:55	1
Di-n-octyl phthalate	ND		9.97	3.99	ug/L		01/30/26 15:28	02/02/26 17:55	1
Fluoranthene	ND		9.97	0.628	ug/L		01/30/26 15:28	02/02/26 17:55	1
Fluorene	ND		9.97	0.668	ug/L		01/30/26 15:28	02/02/26 17:55	1
Hexachlorobenzene	ND		9.97	0.249	ug/L		01/30/26 15:28	02/02/26 17:55	1
Hexachlorobutadiene	ND		9.97	0.548	ug/L		01/30/26 15:28	02/02/26 17:55	1
Hexachlorocyclopentadiene	ND		19.9	0.319	ug/L		01/30/26 15:28	02/02/26 17:55	1
Hexachloroethane	ND		9.97	0.528	ug/L		01/30/26 15:28	02/02/26 17:55	1
Indeno[1,2,3-cd]pyrene	ND		9.97	1.10	ug/L		01/30/26 15:28	02/02/26 17:55	1
Isophorone	ND		9.97	0.797	ug/L		01/30/26 15:28	02/02/26 17:55	1
Naphthalene	ND		9.97	0.748	ug/L		01/30/26 15:28	02/02/26 17:55	1
Nitrobenzene	ND		9.97	0.598	ug/L		01/30/26 15:28	02/02/26 17:55	1
N-Nitrosodi-n-propylamine	ND		9.97	0.329	ug/L		01/30/26 15:28	02/02/26 17:55	1
N-Nitrosodiphenylamine	ND		9.97	0.189	ug/L		01/30/26 15:28	02/02/26 17:55	1

Client Sample ID: 825-MW-6
Date Collected: 01/28/26 11:45
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.97	2.79	ug/L		01/30/26 15:28	02/02/26 17:55	1
Phenanthrene	ND		9.97	0.738	ug/L		01/30/26 15:28	02/02/26 17:55	1
Phenol	ND		9.97	0.678	ug/L		01/30/26 15:28	02/02/26 17:55	1
Pyrene	ND		9.97	0.628	ug/L		01/30/26 15:28	02/02/26 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 150*	*01/30/26 15:28*	*02/02/26 17:55*	*1*
2-Fluorobiphenyl (Surr)	*72*		*25 - 139*	*01/30/26 15:28*	*02/02/26 17:55*	*1*
2-Fluorophenol (Surr)	*87*		*10 - 150*	*01/30/26 15:28*	*02/02/26 17:55*	*1*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*	*01/30/26 15:28*	*02/02/26 17:55*	*1*
Phenol-d5 (Surr)	*86*		*10 - 150*	*01/30/26 15:28*	*02/02/26 17:55*	*1*
Terphenyl-d14 (Surr)	*38*		*28 - 150*	*01/30/26 15:28*	*02/02/26 17:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 06:19	1
Arsenic	**1.35**	**J**	5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:19	1
Barium	**241**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:19	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:19	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:19	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:19	1
Cobalt	**11.0**		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:19	1
Copper	**2.55**		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:19	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:19	1
Manganese	**2120**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:19	1
Nickel	ND		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:19	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:19	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:19	1
Thallium	**0.369**	**J B ^2**	1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:19	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:19	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.425**	**F1**	0.0500	0.0200	mg/L			01/30/26 13:20	1
Nitrite as N (EPA 353.2)	**0.0316**	**J**	0.100	0.0168	mg/L			01/29/26 16:23	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.109**	**B**	0.100	0.0100	mg/L			01/30/26 14:12	1
Nitrate as N (SM Nitrate by calc)	**0.0774**	**J**	0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**18.6**		5.00	1.40	mg/L			01/31/26 18:10	1

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-7
Lab Sample ID: 752-41440-6
Date Collected: 01/28/26 11:50
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 22:34	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 22:34	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 22:34	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 22:34	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 22:34	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 22:34	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 22:34	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 22:34	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 22:34	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 22:34	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 22:34	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 22:34	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 22:34	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 22:34	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 22:34	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 22:34	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 22:34	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 22:34	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 22:34	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 22:34	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 22:34	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 22:34	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 22:34	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 22:34	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 22:34	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 22:34	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 22:34	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 22:34	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 22:34	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 22:34	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 22:34	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 22:34	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 22:34	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 22:34	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 22:34	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 22:34	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 22:34	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 22:34	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 22:34	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 22:34	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 22:34	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 22:34	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 22:34	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 22:34	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 22:34	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 22:34	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 22:34	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 22:34	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 22:34	1

Client Sample ID: 825-MW-7
Date Collected: 01/28/26 11:50
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 22:34	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 22:34	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 22:34	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 22:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 22:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 22:34	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 22:34	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 22:34	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 22:34	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 22:34	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 22:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 22:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 22:34	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 22:34	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 22:34	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 22:34	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 22:34	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 22:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 22:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 22:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 22:34	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 22:34	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 22:34	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/04/26 22:34*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/04/26 22:34*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/04/26 22:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/30/26 15:28	02/02/26 18:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*149*		*40 - 150*	*01/30/26 15:28*	*02/02/26 18:25*	*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		01/30/26 15:28	02/02/26 18:25	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		01/30/26 15:28	02/02/26 18:25	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/30/26 15:28	02/02/26 18:25	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		01/30/26 15:28	02/02/26 18:25	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		01/30/26 15:28	02/02/26 18:25	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		01/30/26 15:28	02/02/26 18:25	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		01/30/26 15:28	02/02/26 18:25	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		01/30/26 15:28	02/02/26 18:25	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		01/30/26 15:28	02/02/26 18:25	1
2-Chlorophenol	ND		10.0	0.843	ug/L		01/30/26 15:28	02/02/26 18:25	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		01/30/26 15:28	02/02/26 18:25	1
2-Methylphenol	ND		10.0	0.763	ug/L		01/30/26 15:28	02/02/26 18:25	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-7
Date Collected: 01/28/26 11:50
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/30/26 15:28	02/02/26 18:25	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/30/26 15:28	02/02/26 18:25	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		01/30/26 15:28	02/02/26 18:25	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		01/30/26 15:28	02/02/26 18:25	1
3-Nitroaniline	ND		10.0	0.953	ug/L		01/30/26 15:28	02/02/26 18:25	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		01/30/26 15:28	02/02/26 18:25	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/30/26 15:28	02/02/26 18:25	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		01/30/26 15:28	02/02/26 18:25	1
4-Chloroaniline	ND		10.0	0.582	ug/L		01/30/26 15:28	02/02/26 18:25	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		01/30/26 15:28	02/02/26 18:25	1
4-Nitroaniline	ND		10.0	3.51	ug/L		01/30/26 15:28	02/02/26 18:25	1
4-Nitrophenol	ND		10.0	2.75	ug/L		01/30/26 15:28	02/02/26 18:25	1
Acenaphthene	ND		10.0	0.632	ug/L		01/30/26 15:28	02/02/26 18:25	1
Acenaphthylene	ND		10.0	0.763	ug/L		01/30/26 15:28	02/02/26 18:25	1
Acetophenone	ND		10.0	3.21	ug/L		01/30/26 15:28	02/02/26 18:25	1
Anthracene	ND		10.0	0.913	ug/L		01/30/26 15:28	02/02/26 18:25	1
Atrazine	ND		10.0	1.13	ug/L		01/30/26 15:28	02/02/26 18:25	1
Benzaldehyde	ND		10.0	0.672	ug/L		01/30/26 15:28	02/02/26 18:25	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/30/26 15:28	02/02/26 18:25	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 18:25	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 18:25	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		01/30/26 15:28	02/02/26 18:25	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		01/30/26 15:28	02/02/26 18:25	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		01/30/26 15:28	02/02/26 18:25	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		01/30/26 15:28	02/02/26 18:25	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		01/30/26 15:28	02/02/26 18:25	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:25	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:25	1
Caprolactam	ND		10.0	2.41	ug/L		01/30/26 15:28	02/02/26 18:25	1
Carbazole	ND		10.0	0.321	ug/L		01/30/26 15:28	02/02/26 18:25	1
Chrysene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 18:25	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/30/26 15:28	02/02/26 18:25	1
Dibenzofuran	ND		10.0	0.642	ug/L		01/30/26 15:28	02/02/26 18:25	1
Diethyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:25	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:25	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		01/30/26 15:28	02/02/26 18:25	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:25	1
Fluoranthene	ND		10.0	0.632	ug/L		01/30/26 15:28	02/02/26 18:25	1
Fluorene	ND		10.0	0.672	ug/L		01/30/26 15:28	02/02/26 18:25	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		01/30/26 15:28	02/02/26 18:25	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		01/30/26 15:28	02/02/26 18:25	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		01/30/26 15:28	02/02/26 18:25	1
Hexachloroethane	ND		10.0	0.532	ug/L		01/30/26 15:28	02/02/26 18:25	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 18:25	1
Isophorone	ND		10.0	0.803	ug/L		01/30/26 15:28	02/02/26 18:25	1
Naphthalene	ND		10.0	0.753	ug/L		01/30/26 15:28	02/02/26 18:25	1
Nitrobenzene	ND		10.0	0.602	ug/L		01/30/26 15:28	02/02/26 18:25	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		01/30/26 15:28	02/02/26 18:25	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		01/30/26 15:28	02/02/26 18:25	1

Client Sample ID: 825-MW-7
Date Collected: 01/28/26 11:50
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.81	ug/L		01/30/26 15:28	02/02/26 18:25	1
Phenanthrene	ND		10.0	0.742	ug/L		01/30/26 15:28	02/02/26 18:25	1
Phenol	ND		10.0	0.682	ug/L		01/30/26 15:28	02/02/26 18:25	1
Pyrene	ND		10.0	0.632	ug/L		01/30/26 15:28	02/02/26 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*178*	*S1+*	*10 - 150*	*01/30/26 15:28*	*02/02/26 18:25*	*1*
2-Fluorobiphenyl (Surr)	*122*		*25 - 139*	*01/30/26 15:28*	*02/02/26 18:25*	*1*
2-Fluorophenol (Surr)	*190*	*S1+*	*10 - 150*	*01/30/26 15:28*	*02/02/26 18:25*	*1*
Nitrobenzene-d5 (Surr)	*135*		*22 - 150*	*01/30/26 15:28*	*02/02/26 18:25*	*1*
Phenol-d5 (Surr)	*192*	*S1+*	*10 - 150*	*01/30/26 15:28*	*02/02/26 18:25*	*1*
Terphenyl-d14 (Surr)	*83*		*28 - 150*	*01/30/26 15:28*	*02/02/26 18:25*	*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		02/01/26 15:57	02/03/26 06:22	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:22	1
Barium	**147**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:22	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:22	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:22	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:22	1
Cobalt	**11.7**		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:22	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:22	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:22	1
Manganese	**6290**		25.0	6.45	ug/L		02/01/26 15:57	02/03/26 06:25	5
Nickel	**3.06**	**J**	5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:22	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:22	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:22	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:22	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:22	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:26	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:24	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0440**	**J B**	0.100	0.0100	mg/L			01/30/26 14:14	1
Nitrate as N (SM Nitrate by calc)	**0.0440**	**J**	0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**50.0**		10.0	2.80	mg/L			01/31/26 18:11	2

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-8
Date Collected: 01/28/26 10:50
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 21:44	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 21:44	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 21:44	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 21:44	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 21:44	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 21:44	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 21:44	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 21:44	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 21:44	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 21:44	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 21:44	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 21:44	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 21:44	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 21:44	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 21:44	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 21:44	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 21:44	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 21:44	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 21:44	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 21:44	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 21:44	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 21:44	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 21:44	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 21:44	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 21:44	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 21:44	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 21:44	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 21:44	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 21:44	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 21:44	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 21:44	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 21:44	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 21:44	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 21:44	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 21:44	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 21:44	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 21:44	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 21:44	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 21:44	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 21:44	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 21:44	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 21:44	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 21:44	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 21:44	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 21:44	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 21:44	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 21:44	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 21:44	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 21:44	1

Client Sample ID: 825-MW-8
Date Collected: 01/28/26 10:50
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 21:44	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 21:44	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 21:44	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 21:44	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 21:44	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 21:44	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 21:44	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 21:44	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 21:44	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 21:44	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 21:44	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 21:44	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 21:44	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 21:44	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 21:44	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 21:44	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 21:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 21:44	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 21:44	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 21:44	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 21:44	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 21:44	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/05/26 21:44*	*1*
Dibromofluoromethane	*114*		*77 - 121*		*02/05/26 21:44*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 21:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.301	0.301	ug/L		01/30/26 15:28	02/02/26 18:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*90*		*40 - 150*	*01/30/26 15:28*	*02/02/26 18:55*	*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		01/30/26 15:28	02/02/26 18:55	1
2,4,5-Trichlorophenol	ND		10.0	0.542	ug/L		01/30/26 15:28	02/02/26 18:55	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/30/26 15:28	02/02/26 18:55	1
2,4-Dichlorophenol	ND		10.0	0.572	ug/L		01/30/26 15:28	02/02/26 18:55	1
2,4-Dimethylphenol	ND		10.0	0.241	ug/L		01/30/26 15:28	02/02/26 18:55	1
2,4-Dinitrophenol	ND		30.1	4.70	ug/L		01/30/26 15:28	02/02/26 18:55	1
2,4-Dinitrotoluene	ND		10.0	0.652	ug/L		01/30/26 15:28	02/02/26 18:55	1
2,6-Dinitrotoluene	ND		10.0	0.291	ug/L		01/30/26 15:28	02/02/26 18:55	1
2-Chloronaphthalene	ND		10.0	0.381	ug/L		01/30/26 15:28	02/02/26 18:55	1
2-Chlorophenol	ND		10.0	0.843	ug/L		01/30/26 15:28	02/02/26 18:55	1
2-Methylnaphthalene	ND		10.0	0.813	ug/L		01/30/26 15:28	02/02/26 18:55	1
2-Methylphenol	ND		10.0	0.763	ug/L		01/30/26 15:28	02/02/26 18:55	1

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-8
Lab Sample ID: 752-41440-7
Date Collected: 01/28/26 10:50
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.0	1.37	ug/L		01/30/26 15:28	02/02/26 18:55	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/30/26 15:28	02/02/26 18:55	1
3 & 4 Methylphenol	ND		20.1	4.62	ug/L		01/30/26 15:28	02/02/26 18:55	1
3,3'-Dichlorobenzidine	ND		11.0	0.411	ug/L		01/30/26 15:28	02/02/26 18:55	1
3-Nitroaniline	ND		10.0	0.953	ug/L		01/30/26 15:28	02/02/26 18:55	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.98	ug/L		01/30/26 15:28	02/02/26 18:55	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/30/26 15:28	02/02/26 18:55	1
4-Chloro-3-methylphenol	ND		10.0	0.732	ug/L		01/30/26 15:28	02/02/26 18:55	1
4-Chloroaniline	ND		10.0	0.582	ug/L		01/30/26 15:28	02/02/26 18:55	1
4-Chlorophenyl phenyl ether	ND		10.0	0.241	ug/L		01/30/26 15:28	02/02/26 18:55	1
4-Nitroaniline	ND		10.0	3.51	ug/L		01/30/26 15:28	02/02/26 18:55	1
4-Nitrophenol	ND		10.0	2.75	ug/L		01/30/26 15:28	02/02/26 18:55	1
Acenaphthene	ND		10.0	0.632	ug/L		01/30/26 15:28	02/02/26 18:55	1
Acenaphthylene	ND		10.0	0.763	ug/L		01/30/26 15:28	02/02/26 18:55	1
Acetophenone	ND		10.0	3.21	ug/L		01/30/26 15:28	02/02/26 18:55	1
Anthracene	ND		10.0	0.913	ug/L		01/30/26 15:28	02/02/26 18:55	1
Atrazine	ND		10.0	1.13	ug/L		01/30/26 15:28	02/02/26 18:55	1
Benzaldehyde	ND		10.0	0.672	ug/L		01/30/26 15:28	02/02/26 18:55	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/30/26 15:28	02/02/26 18:55	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 18:55	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 18:55	1
Benzo[g,h,i]perylene	ND		10.0	1.51	ug/L		01/30/26 15:28	02/02/26 18:55	1
Benzo[k]fluoranthene	ND		10.0	1.51	ug/L		01/30/26 15:28	02/02/26 18:55	1
bis (2-chloroisopropyl) ether	ND		10.0	0.933	ug/L		01/30/26 15:28	02/02/26 18:55	1
Bis(2-chloroethoxy)methane	ND		10.0	0.341	ug/L		01/30/26 15:28	02/02/26 18:55	1
Bis(2-chloroethyl)ether	ND		10.0	0.732	ug/L		01/30/26 15:28	02/02/26 18:55	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:55	1
Butyl benzyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:55	1
Caprolactam	ND		10.0	2.41	ug/L		01/30/26 15:28	02/02/26 18:55	1
Carbazole	ND		10.0	0.321	ug/L		01/30/26 15:28	02/02/26 18:55	1
Chrysene	ND		10.0	1.20	ug/L		01/30/26 15:28	02/02/26 18:55	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/30/26 15:28	02/02/26 18:55	1
Dibenzofuran	ND		10.0	0.642	ug/L		01/30/26 15:28	02/02/26 18:55	1
Diethyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:55	1
Dimethyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:55	1
Di-n-butyl phthalate	ND		10.0	8.22	ug/L		01/30/26 15:28	02/02/26 18:55	1
Di-n-octyl phthalate	ND		10.0	4.01	ug/L		01/30/26 15:28	02/02/26 18:55	1
Fluoranthene	ND		10.0	0.632	ug/L		01/30/26 15:28	02/02/26 18:55	1
Fluorene	ND		10.0	0.672	ug/L		01/30/26 15:28	02/02/26 18:55	1
Hexachlorobenzene	ND		10.0	0.251	ug/L		01/30/26 15:28	02/02/26 18:55	1
Hexachlorobutadiene	ND		10.0	0.552	ug/L		01/30/26 15:28	02/02/26 18:55	1
Hexachlorocyclopentadiene	ND		20.1	0.321	ug/L		01/30/26 15:28	02/02/26 18:55	1
Hexachloroethane	ND		10.0	0.532	ug/L		01/30/26 15:28	02/02/26 18:55	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:28	02/02/26 18:55	1
Isophorone	ND		10.0	0.803	ug/L		01/30/26 15:28	02/02/26 18:55	1
Naphthalene	ND		10.0	0.753	ug/L		01/30/26 15:28	02/02/26 18:55	1
Nitrobenzene	ND		10.0	0.602	ug/L		01/30/26 15:28	02/02/26 18:55	1
N-Nitrosodi-n-propylamine	ND		10.0	0.331	ug/L		01/30/26 15:28	02/02/26 18:55	1
N-Nitrosodiphenylamine	ND		10.0	0.191	ug/L		01/30/26 15:28	02/02/26 18:55	1

Client Sample ID: 825-MW-8
Date Collected: 01/28/26 10:50
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.0	2.81	ug/L		01/30/26 15:28	02/02/26 18:55	1
Phenanthrene	ND		10.0	0.742	ug/L		01/30/26 15:28	02/02/26 18:55	1
Phenol	ND		10.0	0.682	ug/L		01/30/26 15:28	02/02/26 18:55	1
Pyrene	ND		10.0	0.632	ug/L		01/30/26 15:28	02/02/26 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 150*	*01/30/26 15:28*	*02/02/26 18:55*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*01/30/26 15:28*	*02/02/26 18:55*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 150*	*01/30/26 15:28*	*02/02/26 18:55*	*1*
Nitrobenzene-d5 (Surr)	*88*		*22 - 150*	*01/30/26 15:28*	*02/02/26 18:55*	*1*
Phenol-d5 (Surr)	*82*		*10 - 150*	*01/30/26 15:28*	*02/02/26 18:55*	*1*
Terphenyl-d14 (Surr)	*52*		*28 - 150*	*01/30/26 15:28*	*02/02/26 18:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 06:28	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:28	1
Barium	**239**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:28	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:28	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:28	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:28	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:28	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:28	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:28	1
Manganese	**529**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:28	1
Nickel	ND		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:28	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:28	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:28	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:28	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:28	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:28	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		02/04/26 13:32	02/05/26 13:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:27	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:25	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0190**	**J B**	0.100	0.0100	mg/L			01/30/26 14:16	1
Nitrate as N (SM Nitrate by calc)	**0.0190**	**J**	0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**6.10**		5.00	1.40	mg/L			01/31/26 18:11	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-9
Date Collected: 01/28/26 10:35
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 20:54	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 20:54	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 20:54	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 20:54	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 20:54	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 20:54	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 20:54	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 20:54	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 20:54	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 20:54	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 20:54	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 20:54	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 20:54	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 20:54	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 20:54	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 20:54	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 20:54	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 20:54	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 20:54	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 20:54	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 20:54	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 20:54	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 20:54	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 20:54	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 20:54	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 20:54	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 20:54	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 20:54	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 20:54	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 20:54	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 20:54	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 20:54	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 20:54	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 20:54	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 20:54	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 20:54	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 20:54	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 20:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 20:54	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 20:54	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 20:54	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 20:54	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 20:54	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 20:54	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 20:54	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 20:54	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 20:54	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 20:54	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 20:54	1

Client Sample ID: 825-MW-9
Date Collected: 01/28/26 10:35
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 20:54	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 20:54	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 20:54	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 20:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 20:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 20:54	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 20:54	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 20:54	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 20:54	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 20:54	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 20:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 20:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 20:54	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 20:54	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 20:54	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 20:54	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 20:54	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 20:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 20:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 20:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 20:54	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 20:54	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 20:54	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/05/26 20:54*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/05/26 20:54*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 20:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.314	0.314	ug/L		01/30/26 15:28	02/02/26 19:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*100*		*40 - 150*	*01/30/26 15:28*	*02/02/26 19:24*	*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		10.5	0.439	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,4,5-Trichlorophenol	ND		10.5	0.564	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,4,6-Trichlorophenol	ND		10.5	1.14	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,4-Dichlorophenol	ND		10.5	0.596	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,4-Dimethylphenol	ND		10.5	0.251	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,4-Dinitrophenol	ND		31.4	4.89	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,4-Dinitrotoluene	ND		10.5	0.679	ug/L		01/30/26 15:28	02/02/26 19:24	1
2,6-Dinitrotoluene	ND		10.5	0.303	ug/L		01/30/26 15:28	02/02/26 19:24	1
2-Chloronaphthalene	ND		10.5	0.397	ug/L		01/30/26 15:28	02/02/26 19:24	1
2-Chlorophenol	ND		10.5	0.878	ug/L		01/30/26 15:28	02/02/26 19:24	1
2-Methylnaphthalene	ND		10.5	0.847	ug/L		01/30/26 15:28	02/02/26 19:24	1
2-Methylphenol	ND		10.5	0.794	ug/L		01/30/26 15:28	02/02/26 19:24	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-9
Date Collected: 01/28/26 10:35
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.5	1.43	ug/L		01/30/26 15:28	02/02/26 19:24	1
2-Nitrophenol	ND		10.5	1.22	ug/L		01/30/26 15:28	02/02/26 19:24	1
3 & 4 Methylphenol	ND		20.9	4.81	ug/L		01/30/26 15:28	02/02/26 19:24	1
3,3'-Dichlorobenzidine	ND		11.5	0.429	ug/L		01/30/26 15:28	02/02/26 19:24	1
3-Nitroaniline	ND		10.5	0.993	ug/L		01/30/26 15:28	02/02/26 19:24	1
4,6-Dinitro-2-methylphenol	ND		10.5	2.06	ug/L		01/30/26 15:28	02/02/26 19:24	1
4-Bromophenyl phenyl ether	ND		10.5	0.136	ug/L		01/30/26 15:28	02/02/26 19:24	1
4-Chloro-3-methylphenol	ND		10.5	0.763	ug/L		01/30/26 15:28	02/02/26 19:24	1
4-Chloroaniline	ND		10.5	0.606	ug/L		01/30/26 15:28	02/02/26 19:24	1
4-Chlorophenyl phenyl ether	ND		10.5	0.251	ug/L		01/30/26 15:28	02/02/26 19:24	1
4-Nitroaniline	ND		10.5	3.66	ug/L		01/30/26 15:28	02/02/26 19:24	1
4-Nitrophenol	ND		10.5	2.86	ug/L		01/30/26 15:28	02/02/26 19:24	1
Acenaphthene	ND		10.5	0.659	ug/L		01/30/26 15:28	02/02/26 19:24	1
Acenaphthylene	ND		10.5	0.794	ug/L		01/30/26 15:28	02/02/26 19:24	1
Acetophenone	ND		10.5	3.34	ug/L		01/30/26 15:28	02/02/26 19:24	1
Anthracene	ND		10.5	0.951	ug/L		01/30/26 15:28	02/02/26 19:24	1
Atrazine	ND		10.5	1.18	ug/L		01/30/26 15:28	02/02/26 19:24	1
Benzaldehyde	ND		10.5	0.700	ug/L		01/30/26 15:28	02/02/26 19:24	1
Benzo[a]anthracene	ND		10.5	1.05	ug/L		01/30/26 15:28	02/02/26 19:24	1
Benzo[a]pyrene	ND		10.5	1.15	ug/L		01/30/26 15:28	02/02/26 19:24	1
Benzo[b]fluoranthene	ND		10.5	1.25	ug/L		01/30/26 15:28	02/02/26 19:24	1
Benzo[g,h,i]perylene	ND		10.5	1.57	ug/L		01/30/26 15:28	02/02/26 19:24	1
Benzo[k]fluoranthene	ND		10.5	1.57	ug/L		01/30/26 15:28	02/02/26 19:24	1
bis (2-chloroisopropyl) ether	ND		10.5	0.972	ug/L		01/30/26 15:28	02/02/26 19:24	1
Bis(2-chloroethoxy)methane	ND		10.5	0.355	ug/L		01/30/26 15:28	02/02/26 19:24	1
Bis(2-chloroethyl)ether	ND		10.5	0.763	ug/L		01/30/26 15:28	02/02/26 19:24	1
Bis(2-ethylhexyl) phthalate	ND		10.5	4.18	ug/L		01/30/26 15:28	02/02/26 19:24	1
Butyl benzyl phthalate	ND		10.5	4.18	ug/L		01/30/26 15:28	02/02/26 19:24	1
Caprolactam	ND		10.5	2.51	ug/L		01/30/26 15:28	02/02/26 19:24	1
Carbazole	ND		10.5	0.334	ug/L		01/30/26 15:28	02/02/26 19:24	1
Chrysene	ND		10.5	1.25	ug/L		01/30/26 15:28	02/02/26 19:24	1
Dibenz(a,h)anthracene	ND		10.5	1.36	ug/L		01/30/26 15:28	02/02/26 19:24	1
Dibenzofuran	ND		10.5	0.669	ug/L		01/30/26 15:28	02/02/26 19:24	1
Diethyl phthalate	ND		10.5	4.18	ug/L		01/30/26 15:28	02/02/26 19:24	1
Dimethyl phthalate	ND		10.5	4.18	ug/L		01/30/26 15:28	02/02/26 19:24	1
Di-n-butyl phthalate	ND		10.5	8.56	ug/L		01/30/26 15:28	02/02/26 19:24	1
Di-n-octyl phthalate	ND		10.5	4.18	ug/L		01/30/26 15:28	02/02/26 19:24	1
Fluoranthene	ND		10.5	0.659	ug/L		01/30/26 15:28	02/02/26 19:24	1
Fluorene	ND		10.5	0.700	ug/L		01/30/26 15:28	02/02/26 19:24	1
Hexachlorobenzene	ND		10.5	0.261	ug/L		01/30/26 15:28	02/02/26 19:24	1
Hexachlorobutadiene	ND		10.5	0.575	ug/L		01/30/26 15:28	02/02/26 19:24	1
Hexachlorocyclopentadiene	ND		20.9	0.334	ug/L		01/30/26 15:28	02/02/26 19:24	1
Hexachloroethane	ND		10.5	0.554	ug/L		01/30/26 15:28	02/02/26 19:24	1
Indeno[1,2,3-cd]pyrene	ND		10.5	1.15	ug/L		01/30/26 15:28	02/02/26 19:24	1
Isophorone	ND		10.5	0.836	ug/L		01/30/26 15:28	02/02/26 19:24	1
Naphthalene	ND		10.5	0.784	ug/L		01/30/26 15:28	02/02/26 19:24	1
Nitrobenzene	ND		10.5	0.627	ug/L		01/30/26 15:28	02/02/26 19:24	1
N-Nitrosodi-n-propylamine	ND		10.5	0.345	ug/L		01/30/26 15:28	02/02/26 19:24	1
N-Nitrosodiphenylamine	ND		10.5	0.199	ug/L		01/30/26 15:28	02/02/26 19:24	1

Client Sample ID: 825-MW-9
Lab Sample ID: 752-41440-8
Date Collected: 01/28/26 10:35
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.5	2.93	ug/L		01/30/26 15:28	02/02/26 19:24	1
Phenanthrene	ND		10.5	0.774	ug/L		01/30/26 15:28	02/02/26 19:24	1
Phenol	ND		10.5	0.711	ug/L		01/30/26 15:28	02/02/26 19:24	1
Pyrene	ND		10.5	0.659	ug/L		01/30/26 15:28	02/02/26 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 150*	*01/30/26 15:28*	*02/02/26 19:24*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*01/30/26 15:28*	*02/02/26 19:24*	*1*
2-Fluorophenol (Surr)	*90*		*10 - 150*	*01/30/26 15:28*	*02/02/26 19:24*	*1*
Nitrobenzene-d5 (Surr)	*85*		*22 - 150*	*01/30/26 15:28*	*02/02/26 19:24*	*1*
Phenol-d5 (Surr)	*89*		*10 - 150*	*01/30/26 15:28*	*02/02/26 19:24*	*1*
Terphenyl-d14 (Surr)	*41*		*28 - 150*	*01/30/26 15:28*	*02/02/26 19:24*	*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		02/01/26 15:57	02/03/26 06:30	1
Arsenic	**1.78**	**J**	5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:30	1
Barium	**66.0**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:30	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:30	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:30	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:30	1
Cobalt	**0.721**	**J**	5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:30	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:30	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:30	1
Manganese	**337**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:30	1
Nickel	ND		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:30	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:30	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:30	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:30	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:30	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:30	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		02/04/26 13:32	02/05/26 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			01/30/26 13:29	1
Nitrite as N (EPA 353.2)	**0.0375**	**J**	0.100	0.0168	mg/L			01/29/26 16:26	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0190**	**J B**	0.100	0.0100	mg/L			01/30/26 14:18	1
Nitrate as N (SM Nitrate by calc)	ND		0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**74.4**		10.0	2.80	mg/L			01/31/26 18:12	2

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-Dup
Lab Sample ID: 752-41440-9
Date Collected: 01/28/26 00:00
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 21:19	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 21:19	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 21:19	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 21:19	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 21:19	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 21:19	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 21:19	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 21:19	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 21:19	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 21:19	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 21:19	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 21:19	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 21:19	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 21:19	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 21:19	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 21:19	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 21:19	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 21:19	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 21:19	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 21:19	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 21:19	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 21:19	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 21:19	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 21:19	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 21:19	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 21:19	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 21:19	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 21:19	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 21:19	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 21:19	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 21:19	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 21:19	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 21:19	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 21:19	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 21:19	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 21:19	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 21:19	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 21:19	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 21:19	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 21:19	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 21:19	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 21:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 21:19	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 21:19	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 21:19	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 21:19	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 21:19	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 21:19	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 21:19	1

Client Sample ID: 825-MW-Dup
Lab Sample ID: 752-41440-9
Date Collected: 01/28/26 00:00
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 21:19	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 21:19	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 21:19	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 21:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 21:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 21:19	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 21:19	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 21:19	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 21:19	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 21:19	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 21:19	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 21:19	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 21:19	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 21:19	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 21:19	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 21:19	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 21:19	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 21:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 21:19	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 21:19	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 21:19	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 21:19	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 21:19	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/05/26 21:19*	*1*
Dibromofluoromethane	*112*		*77 - 121*		*02/05/26 21:19*	*1*
Toluene-d8 (Surr)	*101*		*79 - 119*		*02/05/26 21:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.305	0.305	ug/L		01/30/26 15:28	02/02/26 19:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*98*		*40 - 150*	*01/30/26 15:28*	*02/02/26 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		01/30/26 15:28	02/02/26 19:54	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		01/30/26 15:28	02/02/26 19:54	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		01/30/26 15:28	02/02/26 19:54	1
2-Chlorophenol	ND		10.2	0.854	ug/L		01/30/26 15:28	02/02/26 19:54	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		01/30/26 15:28	02/02/26 19:54	1
2-Methylphenol	ND		10.2	0.773	ug/L		01/30/26 15:28	02/02/26 19:54	1

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

Job ID: 752-41440-1

Client Sample ID: 825-MW-Dup
Date Collected: 01/28/26 00:00
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.39	ug/L		01/30/26 15:28	02/02/26 19:54	1
2-Nitrophenol	ND		10.2	1.19	ug/L		01/30/26 15:28	02/02/26 19:54	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		01/30/26 15:28	02/02/26 19:54	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		01/30/26 15:28	02/02/26 19:54	1
3-Nitroaniline	ND		10.2	0.966	ug/L		01/30/26 15:28	02/02/26 19:54	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		01/30/26 15:28	02/02/26 19:54	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		01/30/26 15:28	02/02/26 19:54	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		01/30/26 15:28	02/02/26 19:54	1
4-Chloroaniline	ND		10.2	0.590	ug/L		01/30/26 15:28	02/02/26 19:54	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		01/30/26 15:28	02/02/26 19:54	1
4-Nitroaniline	ND		10.2	3.56	ug/L		01/30/26 15:28	02/02/26 19:54	1
4-Nitrophenol	ND		10.2	2.79	ug/L		01/30/26 15:28	02/02/26 19:54	1
Acenaphthene	ND		10.2	0.641	ug/L		01/30/26 15:28	02/02/26 19:54	1
Acenaphthylene	ND		10.2	0.773	ug/L		01/30/26 15:28	02/02/26 19:54	1
Acetophenone	ND		10.2	3.25	ug/L		01/30/26 15:28	02/02/26 19:54	1
Anthracene	ND		10.2	0.925	ug/L		01/30/26 15:28	02/02/26 19:54	1
Atrazine	ND		10.2	1.15	ug/L		01/30/26 15:28	02/02/26 19:54	1
Benzaldehyde	ND		10.2	0.681	ug/L		01/30/26 15:28	02/02/26 19:54	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		01/30/26 15:28	02/02/26 19:54	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 19:54	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 19:54	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 19:54	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		01/30/26 15:28	02/02/26 19:54	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		01/30/26 15:28	02/02/26 19:54	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		01/30/26 15:28	02/02/26 19:54	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		01/30/26 15:28	02/02/26 19:54	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 19:54	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 19:54	1
Caprolactam	ND		10.2	2.44	ug/L		01/30/26 15:28	02/02/26 19:54	1
Carbazole	ND		10.2	0.325	ug/L		01/30/26 15:28	02/02/26 19:54	1
Chrysene	ND		10.2	1.22	ug/L		01/30/26 15:28	02/02/26 19:54	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		01/30/26 15:28	02/02/26 19:54	1
Dibenzofuran	ND		10.2	0.651	ug/L		01/30/26 15:28	02/02/26 19:54	1
Diethyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 19:54	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 19:54	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		01/30/26 15:28	02/02/26 19:54	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		01/30/26 15:28	02/02/26 19:54	1
Fluoranthene	ND		10.2	0.641	ug/L		01/30/26 15:28	02/02/26 19:54	1
Fluorene	ND		10.2	0.681	ug/L		01/30/26 15:28	02/02/26 19:54	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		01/30/26 15:28	02/02/26 19:54	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		01/30/26 15:28	02/02/26 19:54	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		01/30/26 15:28	02/02/26 19:54	1
Hexachloroethane	ND		10.2	0.539	ug/L		01/30/26 15:28	02/02/26 19:54	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		01/30/26 15:28	02/02/26 19:54	1
Isophorone	ND		10.2	0.814	ug/L		01/30/26 15:28	02/02/26 19:54	1
Naphthalene	ND		10.2	0.763	ug/L		01/30/26 15:28	02/02/26 19:54	1
Nitrobenzene	ND		10.2	0.610	ug/L		01/30/26 15:28	02/02/26 19:54	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		01/30/26 15:28	02/02/26 19:54	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		01/30/26 15:28	02/02/26 19:54	1

Client Sample ID: 825-MW-Dup
Date Collected: 01/28/26 00:00
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.85	ug/L		01/30/26 15:28	02/02/26 19:54	1
Phenanthrene	ND		10.2	0.753	ug/L		01/30/26 15:28	02/02/26 19:54	1
Phenol	ND		10.2	0.692	ug/L		01/30/26 15:28	02/02/26 19:54	1
Pyrene	ND		10.2	0.641	ug/L		01/30/26 15:28	02/02/26 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 150*	*01/30/26 15:28*	*02/02/26 19:54*	*1*
2-Fluorobiphenyl (Surr)	*79*		*25 - 139*	*01/30/26 15:28*	*02/02/26 19:54*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 150*	*01/30/26 15:28*	*02/02/26 19:54*	*1*
Nitrobenzene-d5 (Surr)	*91*		*22 - 150*	*01/30/26 15:28*	*02/02/26 19:54*	*1*
Phenol-d5 (Surr)	*86*		*10 - 150*	*01/30/26 15:28*	*02/02/26 19:54*	*1*
Terphenyl-d14 (Surr)	*40*		*28 - 150*	*01/30/26 15:28*	*02/02/26 19:54*	*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		02/01/26 15:57	02/03/26 06:33	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 06:33	1
Barium	**402**		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 06:33	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 06:33	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 06:33	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 06:33	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 06:33	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 06:33	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 06:33	1
Manganese	**481**		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 06:33	1
Nickel	ND		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 06:33	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 06:33	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 06:33	1
Thallium	ND		1.00	0.190	ug/L		02/01/26 15:57	02/03/26 06:33	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 06:33	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 06:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		0.0500	0.0200	mg/L			02/04/26 09:12	1
Nitrite as N (EPA 353.2)	ND		0.100	0.0168	mg/L			01/29/26 16:27	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.0350**	**J B**	0.100	0.0100	mg/L			01/30/26 14:21	1
Nitrate as N (SM Nitrate by calc)	**0.0350**	**J**	0.100	0.0100	mg/L			02/05/26 10:35	1
Sulfate (SM 4500 SO4 E)	**13.6**		5.00	1.40	mg/L			01/31/26 18:12	1

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

Job ID: 752-41440-1

Client Sample ID: Trip Blank
Date Collected: 01/28/26 10:35
Date Received: 01/29/26 09:00

Lab Sample ID: 752-41440-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.07	J	10.0	4.04	ug/L			02/05/26 23:24	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 19:13	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 19:13	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 19:13	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 19:13	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 19:13	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 19:13	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 19:13	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 19:13	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 19:13	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 19:13	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 19:13	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 19:13	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 19:13	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 19:13	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 19:13	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 19:13	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 19:13	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 19:13	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 19:13	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 19:13	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 19:13	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 19:13	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 19:13	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 19:13	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 19:13	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 19:13	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 19:13	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 19:13	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 19:13	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 19:13	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 19:13	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 19:13	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 19:13	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 19:13	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 19:13	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 19:13	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 19:13	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 19:13	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 19:13	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 19:13	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 19:13	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 19:13	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 19:13	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 19:13	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 19:13	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 19:13	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 19:13	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 19:13	1

Client Sample ID: Trip Blank
Lab Sample ID: 752-41440-10
Date Collected: 01/28/26 10:35
Matrix: Water
Date Received: 01/29/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 19:13	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 19:13	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 19:13	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 19:13	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 19:13	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 19:13	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 19:13	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 19:13	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 19:13	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 19:13	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 19:13	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 19:13	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 19:13	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 19:13	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 19:13	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 19:13	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 19:13	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 19:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 19:13	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 19:13	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 19:13	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 19:13	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 19:13	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 19:13*	*1*
4-Bromofluorobenzene	*90*		*70 - 126*		*02/05/26 23:24*	*1*
Dibromofluoromethane	*108*		*77 - 121*		*02/04/26 19:13*	*1*
Dibromofluoromethane	*111*		*77 - 121*		*02/05/26 23:24*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/04/26 19:13*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 23:24*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB	DBFM	TOL						
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)						
752-41440-1	825-MW-2	91	112	101						
752-41440-2	825-MW-3	91	116	105						
752-41440-3	825-MW-4	91	111	100						
752-41440-4	825-MW-5	90	112	100						
752-41440-5	825-MW-6	91	112	100						
752-41440-6	825-MW-7	90	112	101						
752-41440-7	825-MW-8	91	114	102						
752-41440-8	825-MW-9	90	112	102						
752-41440-9	825-MW-Dup	90	112	101						
752-41440-10	Trip Blank	91	108	99						
752-41440-10	Trip Blank	90	111	102						
LCS 705-111920/1002	Lab Control Sample	89	101	95						
LCS 705-111920/1003	Lab Control Sample	103	99	100						
LCS 705-112210/1001	Lab Control Sample	85	104	95						
LCS 705-112210/1002	Lab Control Sample	102	102	98						
LCS 705-112211/1001	Lab Control Sample	85	104	95						
LCS 705-112211/1002	Lab Control Sample	102	102	98						
MB 705-111920/5	Method Blank	91	109	99						
MB 705-112210/4	Method Blank	91	113	102						
MB 705-112211/4	Method Blank	91	113	102						

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)		
752-41440-1	825-MW-2	82	80	86	83	85	41		
752-41440-2	825-MW-3	72	78	88	85	84	39		
752-41440-3	825-MW-4	74	77	76	86	78	44		
752-41440-4	825-MW-5	83	70	91	85	86	40		
752-41440-5	825-MW-6	83	72	87	86	86	38		
752-41440-6	825-MW-7	178 S1+	122	190 S1+	135	192 S1+	83		
752-41440-7	825-MW-8	85	79	89	88	82	52		
752-41440-8	825-MW-9	78	79	90	85	89	41		
752-41440-9	825-MW-Dup	80	79	88	91	86	40		
LCS 400-737920/2-A	Lab Control Sample	104	81	80	90	80	76		
LCSD 400-737920/3-A	Lab Control Sample Dup	91	78	74	86	71	64		
MB 400-737920/1-A	Method Blank	99	90	98	94	98	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)

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(40-150)						
752-41440-1	825-MW-2	96						
752-41440-2	825-MW-3	93						
752-41440-3	825-MW-4	98						
752-41440-4	825-MW-5	99						
752-41440-5	825-MW-6	101						
752-41440-6	825-MW-7	149						
752-41440-7	825-MW-8	90						
752-41440-8	825-MW-9	100						
752-41440-9	825-MW-Dup	98						
MB 400-737920/1-A	Method Blank	113						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(30-150)						
LCS 400-737920/2-A	Lab Control Sample	87						
LCSD 400-737920/3-A	Lab Control Sample Dup	85						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-111920/5
Matrix: Water
Analysis Batch: 111920

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/04/26 13:23	1
Benzene	ND		1.00	0.200	ug/L			02/04/26 13:23	1
Bromobenzene	ND		1.00	0.222	ug/L			02/04/26 13:23	1
Bromoform	ND		1.00	0.458	ug/L			02/04/26 13:23	1
Bromomethane	ND		1.00	0.470	ug/L			02/04/26 13:23	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/04/26 13:23	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/04/26 13:23	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/04/26 13:23	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/04/26 13:23	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/04/26 13:23	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/04/26 13:23	1
Chloroethane	ND		1.00	0.374	ug/L			02/04/26 13:23	1
Chloroform	ND		1.00	0.216	ug/L			02/04/26 13:23	1
Chloromethane	ND		1.00	0.371	ug/L			02/04/26 13:23	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/04/26 13:23	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/04/26 13:23	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/04/26 13:23	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/04/26 13:23	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/04/26 13:23	1
Dibromomethane	ND		1.00	0.318	ug/L			02/04/26 13:23	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 13:23	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/04/26 13:23	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/04/26 13:23	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/04/26 13:23	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/04/26 13:23	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/04/26 13:23	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/04/26 13:23	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/04/26 13:23	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/04/26 13:23	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/04/26 13:23	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/04/26 13:23	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/04/26 13:23	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/04/26 13:23	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/04/26 13:23	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/04/26 13:23	1
Hexane	ND		10.0	3.63	ug/L			02/04/26 13:23	1
2-Hexanone	ND		10.0	3.47	ug/L			02/04/26 13:23	1
Iodomethane	ND		2.00	0.403	ug/L			02/04/26 13:23	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/04/26 13:23	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/04/26 13:23	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/04/26 13:23	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/04/26 13:23	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/04/26 13:23	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/04/26 13:23	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/04/26 13:23	1
Naphthalene	ND		2.00	1.56	ug/L			02/04/26 13:23	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/04/26 13:23	1
n-Heptane	ND		10.0	3.05	ug/L			02/04/26 13:23	1

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

Lab Sample ID: MB 705-111920/5
Matrix: Water
Analysis Batch: 111920

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.239	ug/L			02/04/26 13:23	1
o-Xylene	ND		1.00	0.270	ug/L			02/04/26 13:23	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/04/26 13:23	1
Styrene	ND		1.00	0.194	ug/L			02/04/26 13:23	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/04/26 13:23	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/04/26 13:23	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/04/26 13:23	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/04/26 13:23	1
Toluene	ND		1.00	0.197	ug/L			02/04/26 13:23	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/04/26 13:23	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/04/26 13:23	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/04/26 13:23	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/04/26 13:23	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/04/26 13:23	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/04/26 13:23	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/04/26 13:23	1
Trichloroethene	ND		1.00	0.211	ug/L			02/04/26 13:23	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/04/26 13:23	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/04/26 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/04/26 13:23	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/04/26 13:23	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/04/26 13:23	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/04/26 13:23	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/04/26 13:23	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/04/26 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/04/26 13:23*	*1*
Dibromofluoromethane	*109*		*77 - 121*		*02/04/26 13:23*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*02/04/26 13:23*	*1*

Lab Sample ID: LCS 705-111920/1002
Matrix: Water
Analysis Batch: 111920

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	36.57		ug/L		91	25 - 150		
Isopropyl ether			20.0	18.29		ug/L		91	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*89*		*70 - 126*
Dibromofluoromethane	*101*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

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

Lab Sample ID: LCS 705-111920/1003
Matrix: Water
Analysis Batch: 111920

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	40.90		ug/L		102	62 - 136
Benzene	20.0	20.73		ug/L		104	76 - 122
Bromobenzene	20.0	20.59		ug/L		103	77 - 125
Bromoform	20.0	20.91		ug/L		105	65 - 129
Bromomethane	20.0	24.07		ug/L		120	60 - 138
2-Butanone (MEK)	40.0	43.48		ug/L		109	74 - 131
Carbon disulfide	20.0	20.05		ug/L		100	71 - 122
Carbon tetrachloride	20.0	20.52		ug/L		103	72 - 131
Chlorobenzene	20.0	20.62		ug/L		103	75 - 121
Chlorobromomethane	20.0	20.41		ug/L		102	77 - 120
Chlorodibromomethane	20.0	20.80		ug/L		104	70 - 131
Chloroethane	20.0	19.20		ug/L		96	55 - 138
Chloroform	20.0	20.19		ug/L		101	73 - 121
Chloromethane	20.0	20.47		ug/L		102	57 - 129
2-Chlorotoluene	20.0	21.45		ug/L		107	75 - 123
4-Chlorotoluene	20.0	22.01		ug/L		110	76 - 124
cis-1,2-Dichloroethene	20.0	20.35		ug/L		102	76 - 121
cis-1,3-Dichloropropene	20.0	20.54		ug/L		103	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	22.03		ug/L		110	64 - 125
Dibromomethane	20.0	20.62		ug/L		103	70 - 130
1,2-Dichlorobenzene	20.0	21.72		ug/L		109	69 - 127
1,3-Dichlorobenzene	20.0	21.45		ug/L		107	68 - 128
1,4-Dichlorobenzene	20.0	20.83		ug/L		104	68 - 126
Dichlorobromomethane	20.0	20.50		ug/L		103	70 - 124
1,1-Dichloroethane	20.0	20.39		ug/L		102	65 - 126
1,2-Dichloroethane	20.0	20.84		ug/L		104	72 - 127
1,1-Dichloroethene	20.0	19.42		ug/L		97	69 - 130
1,2-Dichloropropane	20.0	20.69		ug/L		103	71 - 121
1,3-Dichloropropane	20.0	21.06		ug/L		105	76 - 125
2,2-Dichloropropane	20.0	21.56		ug/L		108	71 - 131
1,1-Dichloropropene	20.0	20.37		ug/L		102	74 - 129
Ethylbenzene	20.0	20.95		ug/L		105	75 - 127
Ethylene Dibromide	20.0	21.10		ug/L		106	68 - 133
Hexachlorobutadiene	20.0	22.49		ug/L		112	65 - 137
Hexane	20.0	20.85		ug/L		104	25 - 150
2-Hexanone	40.0	44.83		ug/L		112	70 - 130
Iodomethane	20.0	19.22		ug/L		96	50 - 150
Isopropylbenzene	20.0	21.13		ug/L		106	76 - 125
4-Isopropyltoluene	20.0	24.71		ug/L		124	78 - 126
Methylene Chloride	20.0	19.69		ug/L		98	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	43.89		ug/L		110	76 - 122
Methyl tert-butyl ether	20.0	21.08		ug/L		105	76 - 123
m-Xylene & p-Xylene	20.0	21.42		ug/L		107	76 - 128
Naphthalene	20.0	23.12	E	ug/L		116	67 - 129
n-Butylbenzene	20.0	21.11		ug/L		106	71 - 131
n-Heptane	20.0	22.00		ug/L		110	25 - 150
N-Propylbenzene	20.0	21.18		ug/L		106	75 - 127
o-Xylene	20.0	21.23		ug/L		106	78 - 124

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

Lab Sample ID: LCS 705-111920/1003
Matrix: Water
Analysis Batch: 111920

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	21.63		ug/L		108	74 - 127
Styrene	20.0	22.07		ug/L		110	71 - 129
tert-Butylbenzene	20.0	21.04		ug/L		105	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.81		ug/L		104	76 - 130
1,1,2,2-Tetrachloroethane	20.0	20.71		ug/L		104	73 - 127
Tetrachloroethene	20.0	20.94		ug/L		105	74 - 129
Toluene	20.0	20.17		ug/L		101	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.33		ug/L		97	50 - 150
trans-1,2-Dichloroethene	20.0	19.75		ug/L		99	74 - 124
trans-1,3-Dichloropropene	20.0	19.96		ug/L		100	59 - 135
1,2,3-Trichlorobenzene	20.0	21.47		ug/L		107	65 - 130
1,2,4-Trichlorobenzene	20.0	20.18		ug/L		101	65 - 131
1,1,1-Trichloroethane	20.0	20.55		ug/L		103	71 - 124
1,1,2-Trichloroethane	20.0	20.71		ug/L		104	69 - 127
Trichloroethene	20.0	20.35		ug/L		102	72 - 129
Trichlorofluoromethane	20.0	20.38		ug/L		102	63 - 142
1,2,3-Trichloropropane	20.0	22.15		ug/L		111	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.58		ug/L		103	74 - 122
1,2,4-Trimethylbenzene	20.0	22.73		ug/L		114	80 - 123
1,3,5-Trimethylbenzene	20.0	21.85		ug/L		109	79 - 124
Vinyl acetate	40.0	44.87		ug/L		112	50 - 150
Vinyl chloride	20.0	20.31		ug/L		102	65 - 132
Xylenes, Total	40.0	42.65		ug/L		107	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*70 - 126*
Dibromofluoromethane	*99*		*77 - 121*
Toluene-d8 (Surr)	*100*		*79 - 119*

Lab Sample ID: MB 705-112210/4
Matrix: Water
Analysis Batch: 112210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 13:48	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 13:48	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 13:48	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 13:48	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 13:48	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 13:48	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 13:48	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 13:48	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 13:48	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 13:48	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 13:48	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 13:48	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 13:48	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 13:48	1

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

Lab Sample ID: MB 705-112210/4
Matrix: Water
Analysis Batch: 112210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 13:48	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 13:48	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 13:48	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 13:48	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 13:48	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 13:48	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 13:48	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 13:48	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 13:48	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 13:48	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 13:48	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 13:48	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 13:48	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 13:48	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 13:48	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 13:48	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/05/26 13:48	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 13:48	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 13:48	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 13:48	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 13:48	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 13:48	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 13:48	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 13:48	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 13:48	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 13:48	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 13:48	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 13:48	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 13:48	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 13:48	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 13:48	1
n-Heptane	ND		10.0	3.05	ug/L			02/05/26 13:48	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 13:48	1
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 13:48	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 13:48	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 13:48	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 13:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 13:48	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 13:48	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 13:48	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 13:48	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 13:48	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 13:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 13:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 13:48	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 13:48	1

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

Lab Sample ID: MB 705-112210/4
Matrix: Water
Analysis Batch: 112210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 13:48	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 13:48	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 13:48	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 13:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 13:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 13:48	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 13:48	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 13:48	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/05/26 13:48*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 13:48*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 13:48*	*1*

Lab Sample ID: LCS 705-112210/1001
Matrix: Water
Analysis Batch: 112210

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	30.11		ug/L		75	25 - 150		
Isopropyl ether			20.0	17.17		ug/L		86	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*85*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

Lab Sample ID: LCS 705-112210/1002
Matrix: Water
Analysis Batch: 112210

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	35.89		ug/L		90	62 - 136		
Benzene			20.0	20.83		ug/L		104	76 - 122		
Bromobenzene			20.0	20.52		ug/L		103	77 - 125		
Bromoform			20.0	20.22		ug/L		101	65 - 129		
Bromomethane			20.0	25.26		ug/L		126	60 - 138		
2-Butanone (MEK)			40.0	35.01		ug/L		88	74 - 131		
Carbon disulfide			20.0	21.10		ug/L		106	71 - 122		
Carbon tetrachloride			20.0	20.68		ug/L		103	72 - 131		
Chlorobenzene			20.0	21.03		ug/L		105	75 - 121		
Chlorobromomethane			20.0	22.15		ug/L		111	77 - 120		
Chlorodibromomethane			20.0	20.56		ug/L		103	70 - 131		
Chloroethane			20.0	20.11		ug/L		101	55 - 138		
Chloroform			20.0	20.86		ug/L		104	73 - 121		
Chloromethane			20.0	21.12		ug/L		106	57 - 129		

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

Lab Sample ID: LCS 705-112210/1002
Matrix: Water
Analysis Batch: 112210

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	20.0	20.62		ug/L		103	75 - 123
4-Chlorotoluene	20.0	21.52		ug/L		108	76 - 124
cis-1,2-Dichloroethene	20.0	20.85		ug/L		104	76 - 121
cis-1,3-Dichloropropene	20.0	19.39		ug/L		97	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	18.62		ug/L		93	64 - 125
Dibromomethane	20.0	20.43		ug/L		102	70 - 130
1,2-Dichlorobenzene	20.0	21.79		ug/L		109	69 - 127
1,3-Dichlorobenzene	20.0	21.17		ug/L		106	68 - 128
1,4-Dichlorobenzene	20.0	20.92		ug/L		105	68 - 126
Dichlorobromomethane	20.0	19.65		ug/L		98	70 - 124
1,1-Dichloroethane	20.0	21.00		ug/L		105	65 - 126
1,2-Dichloroethane	20.0	19.72		ug/L		99	72 - 127
1,1-Dichloroethene	20.0	21.26		ug/L		106	69 - 130
1,2-Dichloropropane	20.0	19.84		ug/L		99	71 - 121
1,3-Dichloropropane	20.0	19.81		ug/L		99	76 - 125
2,2-Dichloropropane	20.0	22.19		ug/L		111	71 - 131
1,1-Dichloropropene	20.0	20.62		ug/L		103	74 - 129
Ethylbenzene	20.0	21.51		ug/L		108	75 - 127
Ethylene Dibromide	20.0	20.56		ug/L		103	68 - 133
Hexachlorobutadiene	20.0	22.19		ug/L		111	65 - 137
Hexane	20.0	19.61		ug/L		98	25 - 150
2-Hexanone	40.0	34.95		ug/L		87	70 - 130
Iodomethane	20.0	23.64		ug/L		118	50 - 150
Isopropylbenzene	20.0	20.38		ug/L		102	76 - 125
4-Isopropyltoluene	20.0	24.14		ug/L		121	78 - 126
Methylene Chloride	20.0	21.05		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.99		ug/L		87	76 - 122
Methyl tert-butyl ether	20.0	18.65		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	22.81		ug/L		114	76 - 128
Naphthalene	20.0	20.96	E	ug/L		105	67 - 129
n-Butylbenzene	20.0	20.40		ug/L		102	71 - 131
n-Heptane	20.0	20.30		ug/L		102	25 - 150
N-Propylbenzene	20.0	20.56		ug/L		103	75 - 127
o-Xylene	20.0	21.92		ug/L		110	78 - 124
sec-Butylbenzene	20.0	21.24		ug/L		106	74 - 127
Styrene	20.0	22.93		ug/L		115	71 - 129
tert-Butylbenzene	20.0	20.36		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.97		ug/L		105	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.05		ug/L		90	73 - 127
Tetrachloroethene	20.0	22.03		ug/L		110	74 - 129
Toluene	20.0	20.97		ug/L		105	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.52		ug/L		88	50 - 150
trans-1,2-Dichloroethene	20.0	20.23		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.93		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	20.0	20.84		ug/L		104	65 - 130
1,2,4-Trichlorobenzene	20.0	19.35		ug/L		97	65 - 131
1,1,1-Trichloroethane	20.0	21.19		ug/L		106	71 - 124
1,1,2-Trichloroethane	20.0	19.76		ug/L		99	69 - 127
Trichloroethene	20.0	21.00		ug/L		105	72 - 129

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

Lab Sample ID: LCS 705-112210/1002
Matrix: Water
Analysis Batch: 112210

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	22.02		ug/L		110	63 - 142
1,2,3-Trichloropropane	20.0	19.23		ug/L		96	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.84		ug/L		109	74 - 122
1,2,4-Trimethylbenzene	20.0	21.93		ug/L		110	80 - 123
1,3,5-Trimethylbenzene	20.0	21.31		ug/L		107	79 - 124
Vinyl acetate	40.0	34.59		ug/L		86	50 - 150
Vinyl chloride	20.0	21.52		ug/L		108	65 - 132
Xylenes, Total	40.0	44.73		ug/L		112	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*102*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

Lab Sample ID: MB 705-112211/4
Matrix: Water
Analysis Batch: 112211

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/05/26 13:48	1
Benzene	ND		1.00	0.200	ug/L			02/05/26 13:48	1
Bromobenzene	ND		1.00	0.222	ug/L			02/05/26 13:48	1
Bromoform	ND		1.00	0.458	ug/L			02/05/26 13:48	1
Bromomethane	ND		1.00	0.470	ug/L			02/05/26 13:48	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/05/26 13:48	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/05/26 13:48	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/05/26 13:48	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/05/26 13:48	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/05/26 13:48	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/05/26 13:48	1
Chloroethane	ND		1.00	0.374	ug/L			02/05/26 13:48	1
Chloroform	ND		1.00	0.216	ug/L			02/05/26 13:48	1
Chloromethane	ND		1.00	0.371	ug/L			02/05/26 13:48	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/05/26 13:48	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/05/26 13:48	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/05/26 13:48	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/05/26 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/05/26 13:48	1
Dibromomethane	ND		1.00	0.318	ug/L			02/05/26 13:48	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 13:48	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/05/26 13:48	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/05/26 13:48	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/05/26 13:48	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/05/26 13:48	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/05/26 13:48	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/05/26 13:48	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/05/26 13:48	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/05/26 13:48	1

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

Lab Sample ID: MB 705-112211/4
Matrix: Water
Analysis Batch: 112211

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/05/26 13:48	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/05/26 13:48	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/05/26 13:48	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/05/26 13:48	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/05/26 13:48	1
Hexane	ND		10.0	3.63	ug/L			02/05/26 13:48	1
2-Hexanone	ND		10.0	3.47	ug/L			02/05/26 13:48	1
Iodomethane	ND		2.00	0.403	ug/L			02/05/26 13:48	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/05/26 13:48	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/05/26 13:48	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/05/26 13:48	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/05/26 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/05/26 13:48	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/05/26 13:48	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/05/26 13:48	1
Naphthalene	ND		2.00	1.56	ug/L			02/05/26 13:48	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/05/26 13:48	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/05/26 13:48	1
o-Xylene	ND		1.00	0.270	ug/L			02/05/26 13:48	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/05/26 13:48	1
Styrene	ND		1.00	0.194	ug/L			02/05/26 13:48	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/05/26 13:48	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/05/26 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/05/26 13:48	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/05/26 13:48	1
Toluene	ND		1.00	0.197	ug/L			02/05/26 13:48	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/05/26 13:48	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/05/26 13:48	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/05/26 13:48	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/05/26 13:48	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/05/26 13:48	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/05/26 13:48	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/05/26 13:48	1
Trichloroethene	ND		1.00	0.211	ug/L			02/05/26 13:48	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/05/26 13:48	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/05/26 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/05/26 13:48	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/05/26 13:48	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/05/26 13:48	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/05/26 13:48	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/05/26 13:48	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/05/26 13:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/05/26 13:48*	*1*
Dibromofluoromethane	*113*		*77 - 121*		*02/05/26 13:48*	*1*
Toluene-d8 (Surr)	*102*		*79 - 119*		*02/05/26 13:48*	*1*

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

Lab Sample ID: LCS 705-112211/1001
Matrix: Water
Analysis Batch: 112211

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Isopropyl ether			20.0	17.17		ug/L		86	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*85*		*70 - 126*
Dibromofluoromethane	*104*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

Lab Sample ID: LCS 705-112211/1002
Matrix: Water
Analysis Batch: 112211

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			40.0	35.89		ug/L		90	62 - 136		
Benzene			20.0	20.83		ug/L		104	76 - 122		
Bromobenzene			20.0	20.52		ug/L		103	77 - 125		
Bromoform			20.0	20.22		ug/L		101	65 - 129		
Bromomethane			20.0	25.26		ug/L		126	60 - 138		
2-Butanone (MEK)			40.0	35.01		ug/L		88	74 - 131		
Carbon disulfide			20.0	21.10		ug/L		106	71 - 122		
Carbon tetrachloride			20.0	20.68		ug/L		103	72 - 131		
Chlorobenzene			20.0	21.03		ug/L		105	75 - 121		
Chlorobromomethane			20.0	22.15		ug/L		111	77 - 120		
Chlorodibromomethane			20.0	20.56		ug/L		103	70 - 131		
Chloroethane			20.0	20.11		ug/L		101	55 - 138		
Chloroform			20.0	20.86		ug/L		104	73 - 121		
Chloromethane			20.0	21.12		ug/L		106	57 - 129		
2-Chlorotoluene			20.0	20.62		ug/L		103	75 - 123		
4-Chlorotoluene			20.0	21.52		ug/L		108	76 - 124		
cis-1,2-Dichloroethene			20.0	20.85		ug/L		104	76 - 121		
cis-1,3-Dichloropropene			20.0	19.39		ug/L		97	70 - 129		
1,2-Dibromo-3-Chloropropane			20.0	18.62		ug/L		93	64 - 125		
Dibromomethane			20.0	20.43		ug/L		102	70 - 130		
1,2-Dichlorobenzene			20.0	21.79		ug/L		109	69 - 127		
1,3-Dichlorobenzene			20.0	21.17		ug/L		106	68 - 128		
1,4-Dichlorobenzene			20.0	20.92		ug/L		105	68 - 126		
Dichlorobromomethane			20.0	19.65		ug/L		98	70 - 124		
1,1-Dichloroethane			20.0	21.00		ug/L		105	65 - 126		
1,2-Dichloroethane			20.0	19.72		ug/L		99	72 - 127		
1,1-Dichloroethene			20.0	21.26		ug/L		106	69 - 130		
1,2-Dichloropropane			20.0	19.84		ug/L		99	71 - 121		
1,3-Dichloropropane			20.0	19.81		ug/L		99	76 - 125		
2,2-Dichloropropane			20.0	22.19		ug/L		111	71 - 131		
1,1-Dichloropropene			20.0	20.62		ug/L		103	74 - 129		
Ethylbenzene			20.0	21.51		ug/L		108	75 - 127		
Ethylene Dibromide			20.0	20.56		ug/L		103	68 - 133		
Hexachlorobutadiene			20.0	22.19		ug/L		111	65 - 137		
Hexane			20.0	19.61		ug/L		98	25 - 150		
2-Hexanone			40.0	34.95		ug/L		87	70 - 130		

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

Lab Sample ID: LCS 705-112211/1002
Matrix: Water
Analysis Batch: 112211

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	20.0	23.64		ug/L		118	50 - 150
Isopropylbenzene	20.0	20.38		ug/L		102	76 - 125
4-Isopropyltoluene	20.0	24.14		ug/L		121	78 - 126
Methylene Chloride	20.0	21.05		ug/L		105	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.99		ug/L		87	76 - 122
Methyl tert-butyl ether	20.0	18.65		ug/L		93	76 - 123
m-Xylene & p-Xylene	20.0	22.81		ug/L		114	76 - 128
Naphthalene	20.0	20.96	E	ug/L		105	67 - 129
n-Butylbenzene	20.0	20.40		ug/L		102	71 - 131
N-Propylbenzene	20.0	20.56		ug/L		103	75 - 127
o-Xylene	20.0	21.92		ug/L		110	78 - 124
sec-Butylbenzene	20.0	21.24		ug/L		106	74 - 127
Styrene	20.0	22.93		ug/L		115	71 - 129
tert-Butylbenzene	20.0	20.36		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	20.97		ug/L		105	76 - 130
1,1,2,2-Tetrachloroethane	20.0	18.05		ug/L		90	73 - 127
Tetrachloroethene	20.0	22.03		ug/L		110	74 - 129
Toluene	20.0	20.97		ug/L		105	74 - 124
trans-1,4-Dichloro-2-butene	20.0	17.52		ug/L		88	50 - 150
trans-1,2-Dichloroethene	20.0	20.23		ug/L		101	74 - 124
trans-1,3-Dichloropropene	20.0	18.93		ug/L		95	59 - 135
1,2,3-Trichlorobenzene	20.0	20.84		ug/L		104	65 - 130
1,2,4-Trichlorobenzene	20.0	19.35		ug/L		97	65 - 131
1,1,1-Trichloroethane	20.0	21.19		ug/L		106	71 - 124
1,1,2-Trichloroethane	20.0	19.76		ug/L		99	69 - 127
Trichloroethene	20.0	21.00		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	22.02		ug/L		110	63 - 142
1,2,3-Trichloropropane	20.0	19.23		ug/L		96	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.84		ug/L		109	74 - 122
1,2,4-Trimethylbenzene	20.0	21.93		ug/L		110	80 - 123
1,3,5-Trimethylbenzene	20.0	21.31		ug/L		107	79 - 124
Vinyl acetate	40.0	34.59		ug/L		86	50 - 150
Vinyl chloride	20.0	21.52		ug/L		108	65 - 132
Xylenes, Total	40.0	44.73		ug/L		112	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*70 - 126*
Dibromofluoromethane	*102*		*77 - 121*
Toluene-d8 (Surr)	*98*		*79 - 119*

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		01/30/26 15:27	02/02/26 14:26	1

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

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	113		40 - 150	01/30/26 15:27	02/02/26 14:26	1

Lab Sample ID: LCS 400-737920/2-A
Matrix: Water
Analysis Batch: 738112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737920

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			33.3	32.50		ug/L		98	30 - 150		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	87		30 - 150

Lab Sample ID: LCSD 400-737920/3-A
Matrix: Water
Analysis Batch: 738112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			33.3	32.24		ug/L		97	30 - 150	1	40

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	85		30 - 150

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		01/30/26 15:27	02/02/26 14:26	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Chlorophenol	ND		10.0	0.840	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Methylphenol	ND		10.0	0.760	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Nitroaniline	ND		10.0	1.37	ug/L		01/30/26 15:27	02/02/26 14:26	1
2-Nitrophenol	ND		10.0	1.17	ug/L		01/30/26 15:27	02/02/26 14:26	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		01/30/26 15:27	02/02/26 14:26	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		01/30/26 15:27	02/02/26 14:26	1
3-Nitroaniline	ND		10.0	0.950	ug/L		01/30/26 15:27	02/02/26 14:26	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Chloroaniline	ND		10.0	0.580	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Nitroaniline	ND		10.0	3.50	ug/L		01/30/26 15:27	02/02/26 14:26	1
4-Nitrophenol	ND		10.0	2.74	ug/L		01/30/26 15:27	02/02/26 14:26	1

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10.0	0.630	ug/L		01/30/26 15:27	02/02/26 14:26	1
Acenaphthylene	ND		10.0	0.760	ug/L		01/30/26 15:27	02/02/26 14:26	1
Acetophenone	ND		10.0	3.20	ug/L		01/30/26 15:27	02/02/26 14:26	1
Anthracene	ND		10.0	0.910	ug/L		01/30/26 15:27	02/02/26 14:26	1
Atrazine	ND		10.0	1.13	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzaldehyde	ND		10.0	0.670	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		01/30/26 15:27	02/02/26 14:26	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		01/30/26 15:27	02/02/26 14:26	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		01/30/26 15:27	02/02/26 14:26	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		01/30/26 15:27	02/02/26 14:26	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		01/30/26 15:27	02/02/26 14:26	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Caprolactam	ND		10.0	2.40	ug/L		01/30/26 15:27	02/02/26 14:26	1
Carbazole	ND		10.0	0.320	ug/L		01/30/26 15:27	02/02/26 14:26	1
Chrysene	ND		10.0	1.20	ug/L		01/30/26 15:27	02/02/26 14:26	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		01/30/26 15:27	02/02/26 14:26	1
Dibenzofuran	ND		10.0	0.640	ug/L		01/30/26 15:27	02/02/26 14:26	1
Diethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		01/30/26 15:27	02/02/26 14:26	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		01/30/26 15:27	02/02/26 14:26	1
Fluoranthene	ND		10.0	0.630	ug/L		01/30/26 15:27	02/02/26 14:26	1
Fluorene	ND		10.0	0.670	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		01/30/26 15:27	02/02/26 14:26	1
Hexachloroethane	ND		10.0	0.530	ug/L		01/30/26 15:27	02/02/26 14:26	1
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		01/30/26 15:27	02/02/26 14:26	1
Isophorone	ND		10.0	0.800	ug/L		01/30/26 15:27	02/02/26 14:26	1
Naphthalene	ND		10.0	0.750	ug/L		01/30/26 15:27	02/02/26 14:26	1
Nitrobenzene	ND		10.0	0.600	ug/L		01/30/26 15:27	02/02/26 14:26	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		01/30/26 15:27	02/02/26 14:26	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		01/30/26 15:27	02/02/26 14:26	1
Pentachlorophenol	ND		10.0	2.80	ug/L		01/30/26 15:27	02/02/26 14:26	1
Phenanthrene	ND		10.0	0.740	ug/L		01/30/26 15:27	02/02/26 14:26	1
Phenol	ND		10.0	0.680	ug/L		01/30/26 15:27	02/02/26 14:26	1
Pyrene	ND		10.0	0.630	ug/L		01/30/26 15:27	02/02/26 14:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
2-Fluorobiphenyl (Surr)	*90*		*25 - 139*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
2-Fluorophenol (Surr)	*98*		*10 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
Nitrobenzene-d5 (Surr)	*94*		*22 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*
Phenol-d5 (Surr)	*98*		*10 - 150*	*01/30/26 15:27*	*02/02/26 14:26*	*1*

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

Lab Sample ID: MB 400-737920/1-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737920

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	83		28 - 150	01/30/26 15:27	02/02/26 14:26	1

Lab Sample ID: LCS 400-737920/2-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	25.20		ug/L		76	27 - 120
2,4,5-Trichlorophenol	33.3	29.14		ug/L		87	27 - 136
2,4,6-Trichlorophenol	33.3	28.81		ug/L		86	21 - 132
2,4-Dichlorophenol	33.3	28.31		ug/L		85	30 - 125
2,4-Dimethylphenol	33.3	29.33		ug/L		88	10 - 142
2,4-Dinitrophenol	66.7	75.39		ug/L		113	10 - 150
2,4-Dinitrotoluene	33.3	36.55		ug/L		110	30 - 129
2,6-Dinitrotoluene	33.3	31.65		ug/L		95	34 - 132
2-Chloronaphthalene	33.3	25.06		ug/L		75	10 - 150
2-Chlorophenol	33.3	29.74		ug/L		89	28 - 127
2-Methylnaphthalene	33.3	24.51		ug/L		74	24 - 150
2-Methylphenol	33.3	27.59		ug/L		83	11 - 121
2-Nitroaniline	33.3	31.21		ug/L		94	31 - 141
2-Nitrophenol	33.3	31.87		ug/L		96	31 - 142
3 & 4 Methylphenol	33.3	27.51		ug/L		83	10 - 150
3,3'-Dichlorobenzidine	66.7	44.57		ug/L		67	10 - 150
3-Nitroaniline	33.3	28.42		ug/L		85	33 - 136
4,6-Dinitro-2-methylphenol	66.7	67.12		ug/L		101	10 - 150
4-Bromophenyl phenyl ether	33.3	30.16		ug/L		90	24 - 120
4-Chloro-3-methylphenol	33.3	28.14		ug/L		84	10 - 137
4-Chloroaniline	33.3	24.83		ug/L		74	10 - 150
4-Chlorophenyl phenyl ether	33.3	28.91		ug/L		87	31 - 110
4-Nitroaniline	33.3	29.38		ug/L		88	37 - 139
4-Nitrophenol	66.7	96.48		ug/L		145	10 - 150
Acenaphthene	33.3	24.99		ug/L		75	29 - 150
Acenaphthylene	33.3	25.68		ug/L		77	30 - 150
Acetophenone	33.3	25.85		ug/L		78	27 - 119
Anthracene	33.3	29.72		ug/L		89	31 - 150
Atrazine	33.3	23.85		ug/L		72	10 - 150
Benzaldehyde	33.3	18.16		ug/L		54	10 - 150
Benzo[a]anthracene	33.3	26.83		ug/L		80	36 - 150
Benzo[a]pyrene	33.3	27.33		ug/L		82	29 - 150
Benzo[b]fluoranthene	33.3	30.23		ug/L		91	32 - 150
Benzo[g,h,i]perylene	33.3	30.10		ug/L		90	28 - 150
Benzo[k]fluoranthene	33.3	28.01		ug/L		84	30 - 150
bis (2-chloroisopropyl) ether	33.3	27.61		ug/L		83	32 - 115
Bis(2-chloroethoxy)methane	33.3	26.30		ug/L		79	34 - 120
Bis(2-chloroethyl)ether	33.3	24.94		ug/L		75	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.72		ug/L		74	24 - 133
Butyl benzyl phthalate	33.3	26.34		ug/L		79	24 - 140
Caprolactam	33.3	42.75		ug/L		128	10 - 150

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

Lab Sample ID: LCS 400-737920/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 738012
Prep Batch: 737920

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbazole			33.3	30.64		ug/L		92	28 - 123		
Chrysene			33.3	27.06		ug/L		81	34 - 150		
Dibenz(a,h)anthracene			33.3	29.84		ug/L		90	29 - 150		
Dibenzofuran			33.3	26.43		ug/L		79	35 - 110		
Diethyl phthalate			33.3	26.58		ug/L		80	31 - 118		
Dimethyl phthalate			33.3	26.95		ug/L		81	24 - 125		
Di-n-butyl phthalate			33.3	30.29		ug/L		91	30 - 127		
Di-n-octyl phthalate			33.3	27.54		ug/L		83	28 - 142		
Fluoranthene			33.3	29.17		ug/L		88	30 - 150		
Fluorene			33.3	25.96		ug/L		78	30 - 150		
Hexachlorobenzene			33.3	30.35		ug/L		91	29 - 113		
Hexachlorobutadiene			33.3	22.12		ug/L		66	10 - 117		
Hexachlorocyclopentadiene			33.3	22.10		ug/L		66	10 - 150		
Hexachloroethane			33.3	19.59		ug/L		59	10 - 112		
Indeno[1,2,3-cd]pyrene			33.3	28.60		ug/L		86	28 - 150		
Isophorone			33.3	25.37		ug/L		76	29 - 125		
Naphthalene			33.3	25.89		ug/L		78	27 - 150		
Nitrobenzene			33.3	28.60		ug/L		86	29 - 129		
N-Nitrosodi-n-propylamine			33.3	27.24		ug/L		82	50 - 134		
N-Nitrosodiphenylamine			33.1	27.67		ug/L		84	50 - 132		
Pentachlorophenol			66.7	79.61		ug/L		119	14 - 150		
Phenanthrene			33.3	28.71		ug/L		86	32 - 150		
Phenol			33.3	30.12		ug/L		90	10 - 150		
Pyrene			33.3	29.98		ug/L		90	30 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 150*
2-Fluorobiphenyl (Surr)	*81*		*25 - 139*
2-Fluorophenol (Surr)	*80*		*10 - 150*
Nitrobenzene-d5 (Surr)	*90*		*22 - 150*
Phenol-d5 (Surr)	*80*		*10 - 150*
Terphenyl-d14 (Surr)	*76*		*28 - 150*

Lab Sample ID: LCSD 400-737920/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 738012
Prep Batch: 737920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			33.3	23.96		ug/L		72	27 - 120	5	40
2,4,5-Trichlorophenol			33.3	27.17		ug/L		82	27 - 136	7	40
2,4,6-Trichlorophenol			33.3	26.70		ug/L		80	21 - 132	8	40
2,4-Dichlorophenol			33.3	27.09		ug/L		81	30 - 125	4	40
2,4-Dimethylphenol			33.3	28.19		ug/L		85	10 - 142	4	40
2,4-Dinitrophenol			66.7	72.80		ug/L		109	10 - 150	3	40
2,4-Dinitrotoluene			33.3	35.54		ug/L		107	30 - 129	3	40
2,6-Dinitrotoluene			33.3	30.62		ug/L		92	34 - 132	3	40
2-Chloronaphthalene			33.3	23.56		ug/L		71	10 - 150	6	40
2-Chlorophenol			33.3	26.17		ug/L		79	28 - 127	13	40

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

Lab Sample ID: LCSD 400-737920/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 738012
Prep Batch: 737920

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	33.3	23.14		ug/L		69	24 - 150	6	40
2-Methylphenol	33.3	24.43		ug/L		73	11 - 121	12	40
2-Nitroaniline	33.3	30.44		ug/L		91	31 - 141	3	40
2-Nitrophenol	33.3	29.51		ug/L		89	31 - 142	8	40
3 & 4 Methylphenol	33.3	23.70		ug/L		71	10 - 150	15	40
3,3'-Dichlorobenzidine	66.7	40.08		ug/L		60	10 - 150	11	40
3-Nitroaniline	33.3	28.12		ug/L		84	33 - 136	1	40
4,6-Dinitro-2-methylphenol	66.7	62.74		ug/L		94	10 - 150	7	40
4-Bromophenyl phenyl ether	33.3	26.17		ug/L		79	24 - 120	14	40
4-Chloro-3-methylphenol	33.3	25.45		ug/L		76	10 - 137	10	40
4-Chloroaniline	33.3	25.40		ug/L		76	10 - 150	2	40
4-Chlorophenyl phenyl ether	33.3	28.04		ug/L		84	31 - 110	3	40
4-Nitroaniline	33.3	29.02		ug/L		87	37 - 139	1	40
4-Nitrophenol	66.7	83.37		ug/L		125	10 - 150	15	40
Acenaphthene	33.3	24.17		ug/L		72	29 - 150	3	40
Acenaphthylene	33.3	24.48		ug/L		73	30 - 150	5	40
Acetophenone	33.3	25.06		ug/L		75	27 - 119	3	40
Anthracene	33.3	26.59		ug/L		80	31 - 150	11	40
Atrazine	33.3	21.27		ug/L		64	10 - 150	11	40
Benzaldehyde	33.3	17.70		ug/L		53	10 - 150	3	40
Benzo[a]anthracene	33.3	23.48		ug/L		70	36 - 150	13	40
Benzo[a]pyrene	33.3	24.99		ug/L		75	29 - 150	9	40
Benzo[b]fluoranthene	33.3	26.64		ug/L		80	32 - 150	13	40
Benzo[g,h,i]perylene	33.3	27.18		ug/L		82	28 - 150	10	40
Benzo[k]fluoranthene	33.3	25.90		ug/L		78	30 - 150	8	40
bis (2-chloroisopropyl) ether	33.3	25.40		ug/L		76	32 - 115	8	40
Bis(2-chloroethoxy)methane	33.3	25.28		ug/L		76	34 - 120	4	40
Bis(2-chloroethyl)ether	33.3	23.46		ug/L		70	32 - 114	6	40
Bis(2-ethylhexyl) phthalate	33.3	22.34		ug/L		67	24 - 133	10	40
Butyl benzyl phthalate	33.3	22.63		ug/L		68	24 - 140	15	40
Caprolactam	33.3	44.92		ug/L		135	10 - 150	5	40
Carbazole	33.3	27.46		ug/L		82	28 - 123	11	40
Chrysene	33.3	23.81		ug/L		71	34 - 150	13	40
Dibenz(a,h)anthracene	33.3	27.16		ug/L		81	29 - 150	9	40
Dibenzofuran	33.3	25.14		ug/L		75	35 - 110	5	40
Diethyl phthalate	33.3	26.14		ug/L		78	31 - 118	2	40
Dimethyl phthalate	33.3	25.94		ug/L		78	24 - 125	4	40
Di-n-butyl phthalate	33.3	27.15		ug/L		81	30 - 127	11	40
Di-n-octyl phthalate	33.3	23.36		ug/L		70	28 - 142	16	40
Fluoranthene	33.3	25.83		ug/L		77	30 - 150	12	40
Fluorene	33.3	25.01		ug/L		75	30 - 150	4	40
Hexachlorobenzene	33.3	27.75		ug/L		83	29 - 113	9	40
Hexachlorobutadiene	33.3	18.72		ug/L		56	10 - 117	17	40
Hexachlorocyclopentadiene	33.3	18.60	J	ug/L		56	10 - 150	17	40
Hexachloroethane	33.3	17.11		ug/L		51	10 - 112	13	40
Indeno[1,2,3-cd]pyrene	33.3	26.10		ug/L		78	28 - 150	9	40
Isophorone	33.3	23.90		ug/L		72	29 - 125	6	40
Naphthalene	33.3	24.32		ug/L		73	27 - 150	6	40
Nitrobenzene	33.3	28.19		ug/L		85	29 - 129	1	40

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

Lab Sample ID: LCSD 400-737920/3-A
Matrix: Water
Analysis Batch: 738012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 737920

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodi-n-propylamine			33.3	26.03		ug/L		78	50 - 134	5	40
N-Nitrosodiphenylamine			33.1	26.83		ug/L		81	50 - 132	3	40
Pentachlorophenol			66.7	70.34		ug/L		106	14 - 150	12	40
Phenanthrene			33.3	25.84		ug/L		78	32 - 150	11	40
Phenol			33.3	26.39		ug/L		79	10 - 150	13	40
Pyrene			33.3	26.64		ug/L		80	30 - 150	12	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 150*
2-Fluorobiphenyl (Surr)	*78*		*25 - 139*
2-Fluorophenol (Surr)	*74*		*10 - 150*
Nitrobenzene-d5 (Surr)	*86*		*22 - 150*
Phenol-d5 (Surr)	*71*		*10 - 150*
Terphenyl-d14 (Surr)	*64*		*28 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-111325/1-A
Matrix: Water
Analysis Batch: 111863

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		02/01/26 15:57	02/03/26 05:34	1
Arsenic	ND		5.00	1.32	ug/L		02/01/26 15:57	02/03/26 05:34	1
Barium	ND		10.0	0.410	ug/L		02/01/26 15:57	02/03/26 05:34	1
Beryllium	ND		1.00	0.147	ug/L		02/01/26 15:57	02/03/26 05:34	1
Cadmium	ND		0.700	0.237	ug/L		02/01/26 15:57	02/03/26 05:34	1
Chromium	ND		5.00	3.69	ug/L		02/01/26 15:57	02/03/26 05:34	1
Cobalt	ND		5.00	0.411	ug/L		02/01/26 15:57	02/03/26 05:34	1
Copper	ND		2.00	0.642	ug/L		02/01/26 15:57	02/03/26 05:34	1
Lead	ND		1.00	0.864	ug/L		02/01/26 15:57	02/03/26 05:34	1
Manganese	ND		5.00	1.29	ug/L		02/01/26 15:57	02/03/26 05:34	1
Nickel	ND		5.00	0.422	ug/L		02/01/26 15:57	02/03/26 05:34	1
Selenium	ND		5.00	2.29	ug/L		02/01/26 15:57	02/03/26 05:34	1
Silver	ND		1.00	0.167	ug/L		02/01/26 15:57	02/03/26 05:34	1
Thallium	0.8948	J	1.00	0.190	ug/L		02/01/26 15:57	02/03/26 05:34	1
Vanadium	ND		5.00	1.22	ug/L		02/01/26 15:57	02/03/26 05:34	1
Zinc	ND		10.0	8.91	ug/L		02/01/26 15:57	02/03/26 05:34	1

Lab Sample ID: LCS 705-111325/2-A
Matrix: Water
Analysis Batch: 111863

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			100	86.60		ug/L		87	80 - 120		
Arsenic			100	100.2		ug/L		100	80 - 120		
Barium			100	85.27		ug/L		85	80 - 120		
Beryllium			100	104.6		ug/L		105	80 - 120		
Cadmium			100	89.15		ug/L		89	80 - 120		

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

Lab Sample ID: LCS 705-111325/2-A
Matrix: Water
Analysis Batch: 111863

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	100	93.08		ug/L		93	80 - 120
Cobalt	100	94.23		ug/L		94	80 - 120
Copper	100	96.56		ug/L		97	80 - 120
Lead	100	99.47		ug/L		99	80 - 120
Manganese	100	96.41		ug/L		96	80 - 120
Nickel	100	95.05		ug/L		95	80 - 120
Selenium	100	93.44		ug/L		93	80 - 120
Silver	10.0	9.640		ug/L		96	80 - 120
Thallium	100	97.34		ug/L		97	80 - 120
Vanadium	100	91.78		ug/L		92	80 - 120
Zinc	100	99.70		ug/L		100	80 - 120

Lab Sample ID: 752-41440-1 MS
Matrix: Water
Analysis Batch: 111863

Client Sample ID: 825-MW-2
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	6.70		100	87.75		ug/L		81	75 - 125
Arsenic	5.93		100	92.99		ug/L		87	75 - 125
Barium	393		100	505.4		ug/L		113	75 - 125
Beryllium	1.47		100	101.4		ug/L		100	75 - 125
Cadmium	1.44		100	85.48		ug/L		84	75 - 125
Chromium	7.67		100	83.22		ug/L		76	75 - 125
Cobalt	7.23		100	85.28		ug/L		78	75 - 125
Copper	6.36		100	88.07		ug/L		82	75 - 125
Lead	7.21		100	96.78		ug/L		90	75 - 125
Manganese	448		100	537.9	4	ug/L		89	75 - 125
Nickel	7.17		100	83.86		ug/L		77	75 - 125
Selenium	ND		100	92.46		ug/L		92	75 - 125
Silver	0.636	J	10.0	9.438		ug/L		88	75 - 125
Thallium	7.56	B ^2	100	95.10		ug/L		88	75 - 125
Vanadium	7.92		100	86.89		ug/L		79	75 - 125
Zinc	10.3		100	97.07		ug/L		87	75 - 125

Lab Sample ID: 752-41440-1 MSD
Matrix: Water
Analysis Batch: 111863

Client Sample ID: 825-MW-2
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	6.70		100	88.89		ug/L		82	75 - 125	1	20
Arsenic	5.93		100	90.77		ug/L		85	75 - 125	2	20
Barium	393		100	499.8		ug/L		107	75 - 125	1	20
Beryllium	1.47		100	102.0		ug/L		101	75 - 125	1	20
Cadmium	1.44		100	86.21		ug/L		85	75 - 125	1	20
Chromium	7.67		100	86.83		ug/L		79	75 - 125	4	20
Cobalt	7.23		100	88.81		ug/L		82	75 - 125	4	20
Copper	6.36		100	89.60		ug/L		83	75 - 125	2	20
Lead	7.21		100	100.2		ug/L		93	75 - 125	4	20
Manganese	448		100	536.0	4	ug/L		87	75 - 125	0	20

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

Lab Sample ID: 752-41440-1 MSD
Matrix: Water
Analysis Batch: 111863

Client Sample ID: 825-MW-2
Prep Type: Total Recoverable
Prep Batch: 111325

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	7.17		100	88.84		ug/L		82	75 - 125	6	20
Selenium	ND		100	90.77		ug/L		91	75 - 125	2	20
Silver	0.636	J	10.0	9.804		ug/L		92	75 - 125	4	20
Thallium	7.56	B ^2	100	98.39		ug/L		91	75 - 125	3	20
Vanadium	7.92		100	92.45		ug/L		85	75 - 125	6	20
Zinc	10.3		100	93.29		ug/L		83	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-111949/1-A
Matrix: Water
Analysis Batch: 112359

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/04/26 13:32	02/05/26 12:15	1

Lab Sample ID: LCS 705-111949/2-A
Matrix: Water
Analysis Batch: 112359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	3.986		ug/L		100	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14718/75
Matrix: Water
Analysis Batch: 14718

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/30/26 12:49	1

Lab Sample ID: LCS 752-14718/76
Matrix: Water
Analysis Batch: 14718

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.019		mg/L		100	90 - 110

Lab Sample ID: 752-41440-5 MS
Matrix: Water
Analysis Batch: 14718

Client Sample ID: 825-MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.425	F1	0.395	0.5833	F1	mg/L		40	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-41440-5 MSD
Matrix: Water
Analysis Batch: 14718

Client Sample ID: 825-MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	0.425	F1	0.395	0.6199	F1	mg/L		49	90 - 110	6	30

Lab Sample ID: MB 752-14738/13
Matrix: Water
Analysis Batch: 14738

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			02/04/26 15:17	1

Lab Sample ID: MB 752-14738/42
Matrix: Water
Analysis Batch: 14738

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			02/04/26 10:17	1

Lab Sample ID: LCS 752-14738/14
Matrix: Water
Analysis Batch: 14738

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.061		mg/L		104	90 - 110

Lab Sample ID: 752-41440-9 MS
Matrix: Water
Analysis Batch: 14738

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 (as N)	ND		0.395	0.3565		mg/L		90	90 - 110

Lab Sample ID: 752-41440-9 MSD
Matrix: Water
Analysis Batch: 14738

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 (as N)	ND		0.395	0.3698		mg/L		94	90 - 110	4	30

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 752-14710/10
Matrix: Water
Analysis Batch: 14710

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			01/29/26 10:55	1

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: MB 752-14710/36
Matrix: Water
Analysis Batch: 14710

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			01/29/26 16:00	1

Lab Sample ID: LCS 752-14710/13
Matrix: Water
Analysis Batch: 14710

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	0.9802		mg/L		98	90 - 110

Lab Sample ID: LCS 752-14710/39
Matrix: Water
Analysis Batch: 14710

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	0.9633		mg/L		96	90 - 110

Lab Sample ID: LCSD 752-14710/68
Matrix: Water
Analysis Batch: 14710

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	0.9637		mg/L		96	90 - 110	0	10

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

Lab Sample ID: MB 680-888202/19
Matrix: Water
Analysis Batch: 888202

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	0.06900	J	0.100	0.0100	mg/L			01/30/26 13:23	1

Lab Sample ID: LCS 680-888202/20
Matrix: Water
Analysis Batch: 888202

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	0.9510		mg/L		95	90 - 110

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-737972/12
Matrix: Water
Analysis Batch: 737972

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			01/31/26 17:34	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-737972/13
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737972

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			15.0	15.18		mg/L		101	90 - 110		

Lab Sample ID: MRL 400-737972/14
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737972

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			5.00	3.733	J	mg/L		75	50 - 150		

Lab Sample ID: 752-41440-3 MS
Client Sample ID: 825-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737972

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	164		10.0	173.5	4	mg/L		97	77 - 128		

Lab Sample ID: 752-41440-3 MSD
Client Sample ID: 825-MW-4
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 737972

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	164		10.0	173.7	4	mg/L		99	77 - 128	0	5

GC/MS VOA

Analysis Batch: 111920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	8260D	
752-41440-3	825-MW-4	Total/NA	Water	8260D	
752-41440-4	825-MW-5	Total/NA	Water	8260D	
752-41440-5	825-MW-6	Total/NA	Water	8260D	
752-41440-6	825-MW-7	Total/NA	Water	8260D	
752-41440-10	Trip Blank	Total/NA	Water	8260D	
MB 705-111920/5	Method Blank	Total/NA	Water	8260D	
LCS 705-111920/1002	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-111920/1003	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 112210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-2	825-MW-3	Total/NA	Water	8260D	
752-41440-7	825-MW-8	Total/NA	Water	8260D	
752-41440-8	825-MW-9	Total/NA	Water	8260D	
752-41440-9	825-MW-Dup	Total/NA	Water	8260D	
MB 705-112210/4	Method Blank	Total/NA	Water	8260D	
LCS 705-112210/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112210/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 112211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-10	Trip Blank	Total/NA	Water	8260D	
MB 705-112211/4	Method Blank	Total/NA	Water	8260D	
LCS 705-112211/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-112211/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 737920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	3511	
752-41440-2	825-MW-3	Total/NA	Water	3511	
752-41440-3	825-MW-4	Total/NA	Water	3511	
752-41440-4	825-MW-5	Total/NA	Water	3511	
752-41440-5	825-MW-6	Total/NA	Water	3511	
752-41440-6	825-MW-7	Total/NA	Water	3511	
752-41440-7	825-MW-8	Total/NA	Water	3511	
752-41440-8	825-MW-9	Total/NA	Water	3511	
752-41440-9	825-MW-Dup	Total/NA	Water	3511	
MB 400-737920/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-737920/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 400-737920/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 738012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	8270E	737920
752-41440-2	825-MW-3	Total/NA	Water	8270E	737920
752-41440-3	825-MW-4	Total/NA	Water	8270E	737920
752-41440-4	825-MW-5	Total/NA	Water	8270E	737920
752-41440-5	825-MW-6	Total/NA	Water	8270E	737920

GC/MS Semi VOA (Continued)

Analysis Batch: 738012 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-6	825-MW-7	Total/NA	Water	8270E	737920
752-41440-7	825-MW-8	Total/NA	Water	8270E	737920
752-41440-8	825-MW-9	Total/NA	Water	8270E	737920
752-41440-9	825-MW-Dup	Total/NA	Water	8270E	737920
MB 400-737920/1-A	Method Blank	Total/NA	Water	8270E	737920
LCS 400-737920/2-A	Lab Control Sample	Total/NA	Water	8270E	737920
LCSD 400-737920/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737920

Analysis Batch: 738112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	8270E	737920
752-41440-2	825-MW-3	Total/NA	Water	8270E	737920
752-41440-3	825-MW-4	Total/NA	Water	8270E	737920
752-41440-4	825-MW-5	Total/NA	Water	8270E	737920
752-41440-5	825-MW-6	Total/NA	Water	8270E	737920
752-41440-6	825-MW-7	Total/NA	Water	8270E	737920
752-41440-7	825-MW-8	Total/NA	Water	8270E	737920
752-41440-8	825-MW-9	Total/NA	Water	8270E	737920
752-41440-9	825-MW-Dup	Total/NA	Water	8270E	737920
MB 400-737920/1-A	Method Blank	Total/NA	Water	8270E	737920
LCS 400-737920/2-A	Lab Control Sample	Total/NA	Water	8270E	737920
LCSD 400-737920/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	737920

Analysis Batch: 738292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-3	825-MW-4	Total/NA	Water	8270E	737920

Metals

Prep Batch: 111325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total Recoverable	Water	3005A	
752-41440-2	825-MW-3	Total Recoverable	Water	3005A	
752-41440-3	825-MW-4	Total Recoverable	Water	3005A	
752-41440-4	825-MW-5	Total Recoverable	Water	3005A	
752-41440-5	825-MW-6	Total Recoverable	Water	3005A	
752-41440-6	825-MW-7	Total Recoverable	Water	3005A	
752-41440-7	825-MW-8	Total Recoverable	Water	3005A	
752-41440-8	825-MW-9	Total Recoverable	Water	3005A	
752-41440-9	825-MW-Dup	Total Recoverable	Water	3005A	
MB 705-111325/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-111325/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-41440-1 MS	825-MW-2	Total Recoverable	Water	3005A	
752-41440-1 MSD	825-MW-2	Total Recoverable	Water	3005A	

Analysis Batch: 111863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total Recoverable	Water	6020B	111325
752-41440-2	825-MW-3	Total Recoverable	Water	6020B	111325
752-41440-3	825-MW-4	Total Recoverable	Water	6020B	111325
752-41440-4	825-MW-5	Total Recoverable	Water	6020B	111325

Metals (Continued)

Analysis Batch: 111863 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-5	825-MW-6	Total Recoverable	Water	6020B	111325
752-41440-6	825-MW-7	Total Recoverable	Water	6020B	111325
752-41440-6	825-MW-7	Total Recoverable	Water	6020B	111325
752-41440-7	825-MW-8	Total Recoverable	Water	6020B	111325
752-41440-8	825-MW-9	Total Recoverable	Water	6020B	111325
752-41440-9	825-MW-Dup	Total Recoverable	Water	6020B	111325
MB 705-111325/1-A	Method Blank	Total Recoverable	Water	6020B	111325
LCS 705-111325/2-A	Lab Control Sample	Total Recoverable	Water	6020B	111325
752-41440-1 MS	825-MW-2	Total Recoverable	Water	6020B	111325
752-41440-1 MSD	825-MW-2	Total Recoverable	Water	6020B	111325

Prep Batch: 111949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	7470A	
752-41440-2	825-MW-3	Total/NA	Water	7470A	
752-41440-3	825-MW-4	Total/NA	Water	7470A	
752-41440-4	825-MW-5	Total/NA	Water	7470A	
752-41440-5	825-MW-6	Total/NA	Water	7470A	
752-41440-6	825-MW-7	Total/NA	Water	7470A	
752-41440-7	825-MW-8	Total/NA	Water	7470A	
752-41440-8	825-MW-9	Total/NA	Water	7470A	
752-41440-9	825-MW-Dup	Total/NA	Water	7470A	
MB 705-111949/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-111949/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 112175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total Recoverable	Water	6020B	111325
752-41440-2	825-MW-3	Total Recoverable	Water	6020B	111325

Analysis Batch: 112359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	7470A	111949
752-41440-2	825-MW-3	Total/NA	Water	7470A	111949
752-41440-3	825-MW-4	Total/NA	Water	7470A	111949
752-41440-4	825-MW-5	Total/NA	Water	7470A	111949
752-41440-5	825-MW-6	Total/NA	Water	7470A	111949
752-41440-6	825-MW-7	Total/NA	Water	7470A	111949
752-41440-7	825-MW-8	Total/NA	Water	7470A	111949
752-41440-8	825-MW-9	Total/NA	Water	7470A	111949
752-41440-9	825-MW-Dup	Total/NA	Water	7470A	111949
MB 705-111949/1-A	Method Blank	Total/NA	Water	7470A	111949
LCS 705-111949/2-A	Lab Control Sample	Total/NA	Water	7470A	111949

Analysis Batch: 112535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total Recoverable	Water	6020B	111325

General Chemistry

Analysis Batch: 14710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	353.2	
752-41440-2	825-MW-3	Total/NA	Water	353.2	
752-41440-3	825-MW-4	Total/NA	Water	353.2	
752-41440-4	825-MW-5	Total/NA	Water	353.2	
752-41440-5	825-MW-6	Total/NA	Water	353.2	
752-41440-6	825-MW-7	Total/NA	Water	353.2	
752-41440-7	825-MW-8	Total/NA	Water	353.2	
752-41440-8	825-MW-9	Total/NA	Water	353.2	
752-41440-9	825-MW-Dup	Total/NA	Water	353.2	
MB 752-14710/10	Method Blank	Total/NA	Water	353.2	
MB 752-14710/36	Method Blank	Total/NA	Water	353.2	
LCS 752-14710/13	Lab Control Sample	Total/NA	Water	353.2	
LCS 752-14710/39	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14710/68	Lab Control Sample Dup	Total/NA	Water	353.2	

Analysis Batch: 14718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	350.1	
752-41440-2	825-MW-3	Total/NA	Water	350.1	
752-41440-3	825-MW-4	Total/NA	Water	350.1	
752-41440-4	825-MW-5	Total/NA	Water	350.1	
752-41440-5	825-MW-6	Total/NA	Water	350.1	
752-41440-6	825-MW-7	Total/NA	Water	350.1	
752-41440-7	825-MW-8	Total/NA	Water	350.1	
752-41440-8	825-MW-9	Total/NA	Water	350.1	
MB 752-14718/75	Method Blank	Total/NA	Water	350.1	
LCS 752-14718/76	Lab Control Sample	Total/NA	Water	350.1	
752-41440-5 MS	825-MW-6	Total/NA	Water	350.1	
752-41440-5 MSD	825-MW-6	Total/NA	Water	350.1	

Analysis Batch: 14738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-9	825-MW-Dup	Total/NA	Water	350.1	
MB 752-14738/13	Method Blank	Total/NA	Water	350.1	
MB 752-14738/42	Method Blank	Total/NA	Water	350.1	
LCS 752-14738/14	Lab Control Sample	Total/NA	Water	350.1	
752-41440-9 MS	825-MW-Dup	Total/NA	Water	350.1	
752-41440-9 MSD	825-MW-Dup	Total/NA	Water	350.1	

Analysis Batch: 737972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	SM 4500 SO4 E	
752-41440-2	825-MW-3	Total/NA	Water	SM 4500 SO4 E	
752-41440-3	825-MW-4	Total/NA	Water	SM 4500 SO4 E	
752-41440-4	825-MW-5	Total/NA	Water	SM 4500 SO4 E	
752-41440-5	825-MW-6	Total/NA	Water	SM 4500 SO4 E	
752-41440-6	825-MW-7	Total/NA	Water	SM 4500 SO4 E	
752-41440-7	825-MW-8	Total/NA	Water	SM 4500 SO4 E	
752-41440-8	825-MW-9	Total/NA	Water	SM 4500 SO4 E	
752-41440-9	825-MW-Dup	Total/NA	Water	SM 4500 SO4 E	
MB 400-737972/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	

General Chemistry (Continued)

Analysis Batch: 737972 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-737972/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-737972/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
752-41440-3 MS	825-MW-4	Total/NA	Water	SM 4500 SO4 E	
752-41440-3 MSD	825-MW-4	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 888202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	353.2-1993 R2.0	
752-41440-2	825-MW-3	Total/NA	Water	353.2-1993 R2.0	
752-41440-3	825-MW-4	Total/NA	Water	353.2-1993 R2.0	
752-41440-4	825-MW-5	Total/NA	Water	353.2-1993 R2.0	
752-41440-5	825-MW-6	Total/NA	Water	353.2-1993 R2.0	
752-41440-6	825-MW-7	Total/NA	Water	353.2-1993 R2.0	
752-41440-7	825-MW-8	Total/NA	Water	353.2-1993 R2.0	
752-41440-8	825-MW-9	Total/NA	Water	353.2-1993 R2.0	
752-41440-9	825-MW-Dup	Total/NA	Water	353.2-1993 R2.0	
MB 680-888202/19	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888202/20	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	

Analysis Batch: 888225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41440-1	825-MW-2	Total/NA	Water	Nitrate by calc	
752-41440-2	825-MW-3	Total/NA	Water	Nitrate by calc	
752-41440-3	825-MW-4	Total/NA	Water	Nitrate by calc	
752-41440-4	825-MW-5	Total/NA	Water	Nitrate by calc	
752-41440-5	825-MW-6	Total/NA	Water	Nitrate by calc	
752-41440-6	825-MW-7	Total/NA	Water	Nitrate by calc	
752-41440-7	825-MW-8	Total/NA	Water	Nitrate by calc	
752-41440-8	825-MW-9	Total/NA	Water	Nitrate by calc	
752-41440-9	825-MW-Dup	Total/NA	Water	Nitrate by calc	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-2
Lab Sample ID: 752-41440-1

Date Collected: 01/28/26 14:40
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 20:28
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 15:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 15:55
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 05:39
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	112175	IF	EET ATL	02/04/26 18:58
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		10	112535	IF	EET ATL	02/05/26 17:51
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:17
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:10
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:20
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:03
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 17:41

Client Sample ID: 825-MW-3
Lab Sample ID: 752-41440-2

Date Collected: 01/28/26 14:10
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 20:29
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 16:25
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 16:25
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 05:50
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	112175	IF	EET ATL	02/04/26 19:19
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:20
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:12
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:21
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:06
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		2	737972	CJK	EET PEN	01/31/26 18:08

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-4
Lab Sample ID: 752-41440-3
Date Collected: 01/28/26 12:45
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 21:18
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 16:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 16:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738292	JAW	EET PEN	02/04/26 16:12
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 05:53
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:24
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:13
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:22
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:08
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		5	737972	CJK	EET PEN	01/31/26 18:08

Client Sample ID: 825-MW-5
Lab Sample ID: 752-41440-4
Date Collected: 01/28/26 13:00
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 21:43
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 17:25
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 17:25
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 05:55
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:27
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:15
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:23
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:10
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		5	737972	CJK	EET PEN	01/31/26 18:21

Client Sample ID: 825-MW-6
Lab Sample ID: 752-41440-5
Date Collected: 01/28/26 11:45
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 22:08

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-6
Lab Sample ID: 752-41440-5
Date Collected: 01/28/26 11:45
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 17:55
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 17:55
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:19
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:31
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:20
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:23
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:12
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 18:10

Client Sample ID: 825-MW-7
Lab Sample ID: 752-41440-6
Date Collected: 01/28/26 11:50
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 22:34
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 18:25
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 18:25
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:22
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		5	111863	IF	EET ATL	02/03/26 06:25
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:42
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:26
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:24
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:14
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		2	737972	CJK	EET PEN	01/31/26 18:11

Client Sample ID: 825-MW-8
Lab Sample ID: 752-41440-7
Date Collected: 01/28/26 10:50
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 21:44
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 18:55

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-8
Lab Sample ID: 752-41440-7
Date Collected: 01/28/26 10:50
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 18:55
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:28
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:46
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:27
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:25
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:16
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 18:11

Client Sample ID: 825-MW-9
Lab Sample ID: 752-41440-8
Date Collected: 01/28/26 10:35
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 20:54
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 19:24
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 19:24
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:30
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:49
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 13:29
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:26
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:18
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		2	737972	CJK	EET PEN	01/31/26 18:12

Client Sample ID: 825-MW-Dup
Lab Sample ID: 752-41440-9
Date Collected: 01/28/26 00:00
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	112210	Y1S	EET ATL	02/05/26 21:19
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738012	JAW	EET PEN	02/02/26 19:54
Total/NA	Prep	3511			737920	AMM	EET PEN	01/30/26 15:28
Total/NA	Analysis	8270E		1	738112	KJA	EET PEN	02/02/26 19:54
Total Recoverable	Prep	3005A			111325	TR	EET ATL	02/01/26 15:57
Total Recoverable	Analysis	6020B		1	111863	IF	EET ATL	02/03/26 06:33

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Client Sample ID: 825-MW-Dup
Lab Sample ID: 752-41440-9

Date Collected: 01/28/26 00:00
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			111949	TR	EET ATL	02/04/26 13:32
Total/NA	Analysis	7470A		1	112359	GR	EET ATL	02/05/26 13:53
Total/NA	Analysis	350.1		1	14738	CB	EET RAL	02/04/26 09:12
Total/NA	Analysis	353.2		1	14710	CB	EET RAL	01/29/26 16:27
Total/NA	Analysis	353.2-1993 R2.0		1	888202	NVF	EET SAV	01/30/26 14:21
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/05/26 10:35
Total/NA	Analysis	SM 4500 SO4 E		1	737972	CJK	EET PEN	01/31/26 18:12

Client Sample ID: Trip Blank
Lab Sample ID: 752-41440-10

Date Collected: 01/28/26 10:35
Matrix: Water
Date Received: 01/29/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111920	Y1S	EET ATL	02/04/26 19:13
Total/NA	Analysis	8260D		1	112211	Y1S	EET ATL	02/05/26 23:24

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-26

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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	12-31-26

Method Summary

Client: S&ME Inc
Job ID: 752-41440-1
Project/Site: Northgate Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

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

Job ID: 752-41440-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41440-1	825-MW-2	Water	01/28/26 14:40	01/29/26 09:00	North Carolina
752-41440-2	825-MW-3	Water	01/28/26 14:10	01/29/26 09:00	North Carolina
752-41440-3	825-MW-4	Water	01/28/26 12:45	01/29/26 09:00	North Carolina
752-41440-4	825-MW-5	Water	01/28/26 13:00	01/29/26 09:00	North Carolina
752-41440-5	825-MW-6	Water	01/28/26 11:45	01/29/26 09:00	North Carolina
752-41440-6	825-MW-7	Water	01/28/26 11:50	01/29/26 09:00	North Carolina
752-41440-7	825-MW-8	Water	01/28/26 10:50	01/29/26 09:00	North Carolina
752-41440-8	825-MW-9	Water	01/28/26 10:35	01/29/26 09:00	North Carolina
752-41440-9	825-MW-Dup	Water	01/28/26 00:00	01/29/26 09:00	North Carolina
752-41440-10	Trip Blank	Water	01/28/26 10:35	01/29/26 09:00	North Carolina

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Cory Faircloth	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-171624-59893.2
Client Contact: Jerry Paul	Phone: 843-563-1042	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BM			
Email: jpaul@smeinc.com	WO #:			
Project Name: Northgate Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
S - H2SO4
A - HCL
D - HNO3

752-41440 COC

Other:

1 of 1 COC
2 coolers

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D6 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
S25-MW-2	1-28-26	1440	G	W											
S25-MW-3		1410													
S25-MW-4		1245													
S25-MW-5		1300													
S25-MW-6		1145													
S25-MW-7		1150													
S25-MW-8		1050													
S25-MW-9		1035													
S25-MW-DUP		→													
TRIP BLANK		—													

Initial Temperature: 0.7, 1.0 °C
Correction Factor: -0.3°C
Corrected Temperature: 0.4, 0.7 °C
Temp ~~IR~~ Gun: CRY-T-132
Initials: ~~RY~~ BR PG DW DO HH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Cory Faircloth	1-28-26 2100	S&ME	Machelle	1/29/26 900	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7839 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 #: 752-41440-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/6/2026			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
825-MW-2 (752-41440-1)	1/28/26	14 40 Eastern	G	Water			X	X	X		
825-MW-3 (752-41440-2)	1/28/26	14.10 Eastern	G	Water			X	X	X		
825-MW-4 (752-41440-3)	1/28/26	12.45 Eastern	G	Water			X	X	X		
825-MW-5 (752-41440-4)	1/28/26	13 00 Eastern	G	Water			X	X	X		
825-MW-6 (752-41440-5)	1/28/26	11 45 Eastern	G	Water			X	X	X		
825-MW-7 (752-41440-6)	1/28/26	11 50 Eastern	G	Water			X	X	X		
825-MW-8 (752-41440-7)	1/28/26	10 50 Eastern	G	Water			X	X	X		
825-MW-9 (752-41440-8)	1/28/26	10:35 Eastern	G	Water			X	X	X		
825-MW-Dup (752-41440-9)	1/28/26	Eastern	G	Water			X	X	X		

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

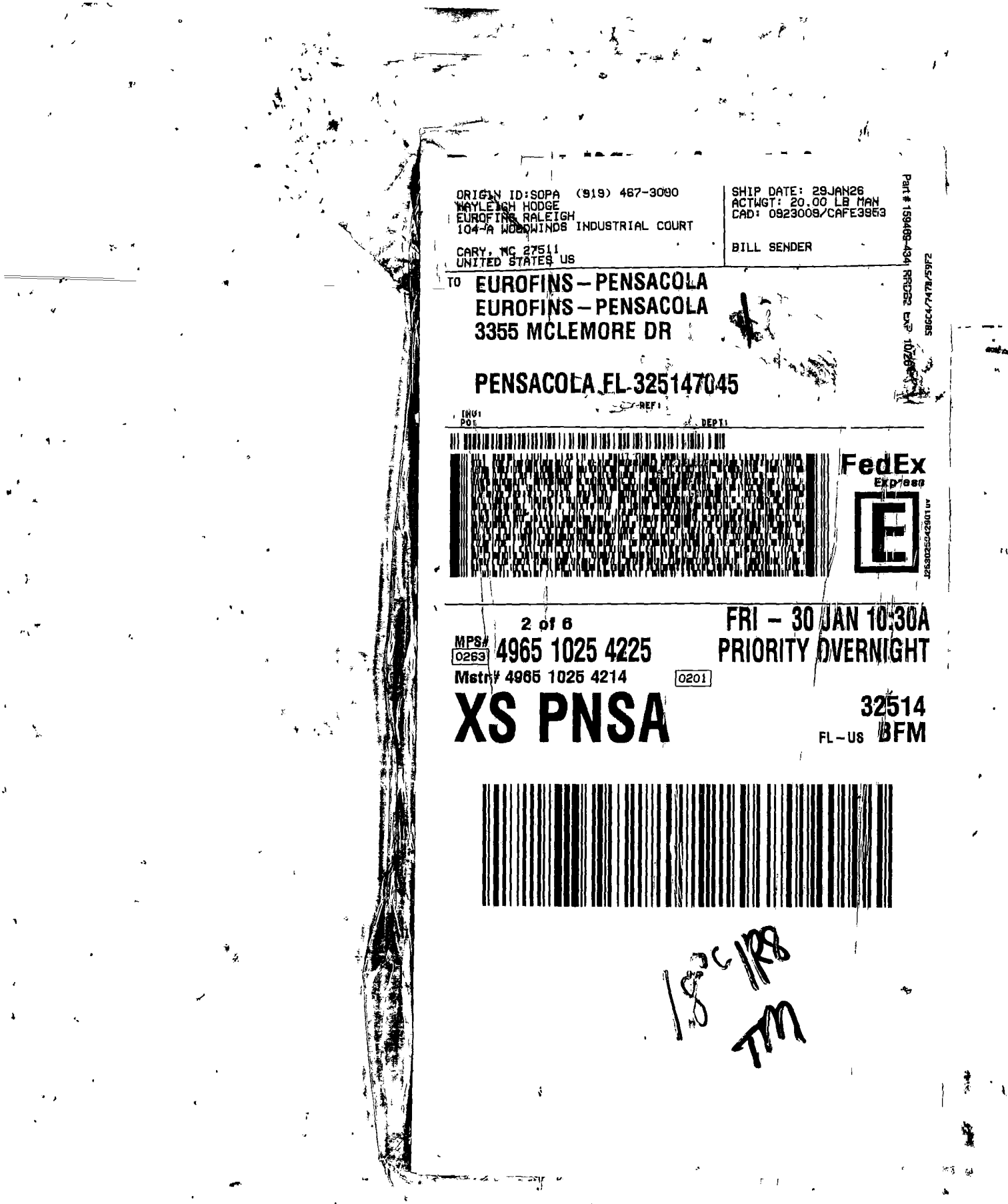
Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[illegible]	01/29/26 1700		[signature]	1/30/26 1039	[signature]
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks: 1.8°C IR8

Ver: 10/10/2024


ORIGIN ID:SOPA (919) 467-3090
KAYLEIGH HODGE
EUROFINS RALEIGH
104-A WOODWINDS INDUSTRIAL COURT
CARY, NC 27511
UNITED STATES US
SHIP DATE: 29JAN26
ACTWGT: 20.00 LB MAN
CAD: 0923009/CAFE3953
BILL SENDER
TO EUROFINS - PENSACOLA
EUROFINS - PENSACOLA
3355 MCLEMORE DR
PENSACOLA FL 325147045
REF:
DEPT:
FedEx Express
2 of 6
MPS# 4965 1025 4225
Mstr# 4965 1025 4214
0263
0201
FRI - 30 JAN 10:30A
PRIORITY OVERNIGHT
XS PNSA
32514
FL-US BFM
Part # 159468-434 RRD25 EXP 10/26
SBSS/PAP/4590

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: 752-7840 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 Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41440-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/6/2026			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State Zip: GA, 31405				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
825-MW-2 (752-41440-1)	1/28/26	14 40 Eastern	G	Water			X	X	1	
825-MW-3 (752-41440-2)	1/28/26	14 10 Eastern	G	Water			X	X	1	
825-MW-4 (752-41440-3)	1/28/26	12 45 Eastern	G	Water			X	X	1	
825-MW-5 (752-41440-4)	1/28/26	13 00 Eastern	G	Water			X	X	1	
825-MW-6 (752-41440-5)	1/28/26	11 45 Eastern	G	Water			X	X	1	
825-MW-7 (752-41440-6)	1/28/26	11 50 Eastern	G	Water			X	X	1	
825-MW-8 (752-41440-7)	1/28/26	10 50 Eastern	G	Water			X	X	1	
825-MW-9 (752-41440-8)	1/28/26	10 35 Eastern	G	Water			X	X	1	
825-MW-Dup (752-41440-9)	1/28/26	Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
QR	1/29/26 1500			1/30/26 1135	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: 1.6/1.6

Ver 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7837 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus com	State of Origin: North Carolina	Page: Page 1 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41440-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/6/2026			
City: Atlanta	TAT Requested (days): N/A			
State, Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
825-MW-2 (752-41440-1)	1/28/26	14 40 Eastern	G	Water			X	X	X	4	
825-MW-3 (752-41440-2)	1/28/26	14 10 Eastern	G	Water			X	X	X	4	
825-MW-4 (752-41440-3)	1/28/26	12 45 Eastern	G	Water			X	X	X	4	
825-MW-5 (752-41440-4)	1/28/26	13 00 Eastern	G	Water			X	X	X	4	
825-MW-6 (752-41440-5)	1/28/26	11 45 Eastern	G	Water			X	X	X	4	
825-MW-7 (752-41440-6)	1/28/26	11 50 Eastern	G	Water			X	X	X	4	
825-MW-8 (752-41440-7)	1/28/26	10 50 Eastern	G	Water			X	X	X	4	
825-MW-9 (752-41440-8)	1/28/26	10 35 Eastern	G	Water			X	X	X	4	
825-MW-Dup (752-41440-9)	1/28/26	Eastern	G	Water			X	X	X	4	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	1/29/26 1545		Dalton Gay	1-30-26 11.20	
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: 1.2 #2929

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: 752-7837 2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Chad Bechtold@et.eurofinsus com	State of Origin: North Carolina	Page: Page 2 of 2
Company: Eurofins Environment Testing Southeast L		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41440-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/6/2026			
City: Atlanta	TAT Requested (days): N/A			
State Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Trip Blank (752-41440-10)	1/28/26	10 35 Eastern	G	Water					X	2	

Note. Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
NR	1/29/26 1545		Dalton Gay	1-30-26 11:20	
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: 1.2 #2927

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41440-1

Login Number: 41440

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41440-1

Login Number: 41440
List Number: 4
Creator: Gay, Dalton

List Source: Eurofins Atlanta
List Creation: 01/30/26 06:45 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: 752-41440-1

Login Number: 41440
List Number: 3
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 01/30/26 01:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8°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	Missing amber jars from samples 1, 2, 3, 5, 6, 7 and 9
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: 752-41440-1

Login Number: 41440
List Number: 2
Creator: Munro, Caroline

List Source: Eurofins Savannah
List Creation: 01/30/26 11:52 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/9/2026 10:23:44 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-41378-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

Generated
2/9/2026 10:23:44 AM

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

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Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low 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.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
752-41378-1

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

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

Receipt
The samples were received on 1/27/2026 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.3°C and 1.7°C.

GC/MS VOA
Method 8260D: The Trip Blank associated with analytical batch 705-111421 contained Acetone less than the reporting limit (RL). The trip blank was re-analyzed to confirm contamination. Only one set of results are included in the report. Trip Blank (752-41378-8)

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

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-110717 and analytical batch 705-111283 contained Copper and Nickel above the method detection limit (MDL). These target analyte concentrations were 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
Method 353.2: The sample duplicate precision for the following sample associated with analytical batch 752-14709 was outside control limits: (752-41378-A-2 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

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

Detection Summary

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-1 — Lab Sample ID: 752-41378-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.97	J	10.0	4.04	ug/L	1		8260D	Total/NA
Toluene	0.471	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	148		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.454	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.83	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.10		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	112		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.62	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	47.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.380		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0336	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.269		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.235		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	30.9		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-SW-2 — Lab Sample ID: 752-41378-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.19	J	10.0	4.04	ug/L	1		8260D	Total/NA
Toluene	0.485	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	148		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.621	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.40	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.24		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	128		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.90	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.25	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	37.3		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.458	F1	0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0288	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.331	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.302		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	30.7		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-SW-3 — Lab Sample ID: 752-41378-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.18	J	10.0	4.04	ug/L	1		8260D	Total/NA
Toluene	0.309	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	145		10.0	0.410	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh

Client Sample ID: 825-SW-3 (Continued)
Lab Sample ID: 752-41378-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.459	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.39	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.08		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	97.5		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.69	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	42.6		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.545		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0274	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.326		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.299		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	30.2		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-SW-4
Lab Sample ID: 752-41378-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.43	J	10.0	4.04	ug/L	1		8260D	Total/NA
Toluene	0.264	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	139		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	4.01	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.15		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	98.4		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.52	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	38.4		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.556		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0291	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.332		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.303		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	29.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-SW-Dup
Lab Sample ID: 752-41378-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.57	J	10.0	4.04	ug/L	1		8260D	Total/NA
Toluene	0.278	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	142		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.81	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.05		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	96.7		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.35	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-SW-Dup (Continued) — Lab Sample ID: 752-41378-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	1.31	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	39.8		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.514		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0298	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.340	F1	0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.310		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	29.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-SW-5 — Lab Sample ID: 752-41378-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.13	J	10.0	4.04	ug/L	1		8260D	Total/NA
Barium	133		10.0	0.410	ug/L	1		6020B	Total Recoverable
Cobalt	0.552	J	5.00	0.411	ug/L	1		6020B	Total Recoverable
Copper	3.77	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	1.16		1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	102		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.20	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable
Vanadium	1.36	J	5.00	1.22	ug/L	1		6020B	Total Recoverable
Zinc	40.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.345		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0295	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.325		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA
Nitrate as N	0.296		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	24.5		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: 825-SW-6 — Lab Sample ID: 752-41378-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.72	J	10.0	4.04	ug/L	1		8260D	Total/NA
Toluene	0.225	J	1.00	0.197	ug/L	1		8260D	Total/NA
Barium	142		10.0	0.410	ug/L	1		6020B	Total Recoverable
Copper	3.66	B	2.00	0.642	ug/L	1		6020B	Total Recoverable
Lead	0.940	J	1.00	0.864	ug/L	1		6020B	Total Recoverable
Manganese	95.0		5.00	1.29	ug/L	1		6020B	Total Recoverable
Nickel	2.56	J B	5.00	0.422	ug/L	1		6020B	Total Recoverable
Zinc	43.0		10.0	8.91	ug/L	1		6020B	Total Recoverable
Ammonia (as N)	0.462		0.0500	0.0200	mg/L	1		350.1	Total/NA
Nitrite as N	0.0260	J	0.100	0.0168	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.328		0.100	0.0100	mg/L	1		353.2-1993 R2.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-SW-6 (Continued)
Lab Sample ID: 752-41378-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.302		0.100	0.0100	mg/L	1		Nitrate by calc	Total/NA
Sulfate	29.0		5.00	1.40	mg/L	1		SM 4500 SO4 E	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 752-41378-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.14	J	10.0	4.04	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-1
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.97	J	10.0	4.04	ug/L			01/31/26 21:29	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 21:29	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 21:29	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 21:29	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 21:29	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 21:29	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 21:29	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 21:29	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 21:29	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 21:29	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 21:29	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 21:29	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 21:29	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 21:29	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 21:29	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 21:29	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 21:29	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 21:29	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 21:29	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 21:29	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 21:29	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 21:29	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 21:29	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 21:29	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 21:29	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 21:29	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 21:29	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 21:29	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 21:29	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 21:29	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 21:29	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 21:29	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 21:29	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 21:29	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 21:29	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 21:29	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 21:29	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 21:29	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 21:29	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 21:29	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 21:29	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 21:29	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 21:29	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 21:29	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 21:29	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 21:29	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 21:29	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 21:29	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 21:29	1

Client Sample ID: 825-SW-1
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 21:29	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 21:29	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 21:29	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 21:29	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 21:29	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 21:29	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 21:29	1
Toluene	**0.471**	**J**	1.00	0.197	ug/L			01/31/26 21:29	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 21:29	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 21:29	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 21:29	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 21:29	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 21:29	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 21:29	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 21:29	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 21:29	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 21:29	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 21:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 21:29	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 21:29	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 21:29	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 21:29	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 21:29	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*01/31/26 21:29*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*01/31/26 21:29*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/31/26 21:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		02/03/26 10:23	02/06/26 18:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*81*		*40 - 150*	*02/03/26 10:23*	*02/06/26 18:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.429	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		02/03/26 10:23	02/06/26 18:50	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		02/03/26 10:23	02/06/26 18:50	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		02/03/26 10:23	02/06/26 18:50	1
2-Chlorophenol	ND		10.2	0.857	ug/L		02/03/26 10:23	02/06/26 18:50	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		02/03/26 10:23	02/06/26 18:50	1
2-Methylphenol	ND		10.2	0.776	ug/L		02/03/26 10:23	02/06/26 18:50	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-1
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		02/03/26 10:23	02/06/26 18:50	1
2-Nitrophenol	ND		10.2	1.19	ug/L		02/03/26 10:23	02/06/26 18:50	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		02/03/26 10:23	02/06/26 18:50	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		02/03/26 10:23	02/06/26 18:50	1
3-Nitroaniline	ND		10.2	0.969	ug/L		02/03/26 10:23	02/06/26 18:50	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		02/03/26 10:23	02/06/26 18:50	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		02/03/26 10:23	02/06/26 18:50	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		02/03/26 10:23	02/06/26 18:50	1
4-Chloroaniline	ND		10.2	0.592	ug/L		02/03/26 10:23	02/06/26 18:50	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		02/03/26 10:23	02/06/26 18:50	1
4-Nitroaniline	ND		10.2	3.57	ug/L		02/03/26 10:23	02/06/26 18:50	1
4-Nitrophenol	ND		10.2	2.80	ug/L		02/03/26 10:23	02/06/26 18:50	1
Acenaphthene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 18:50	1
Acenaphthylene	ND		10.2	0.776	ug/L		02/03/26 10:23	02/06/26 18:50	1
Acetophenone	ND		10.2	3.27	ug/L		02/03/26 10:23	02/06/26 18:50	1
Anthracene	ND		10.2	0.929	ug/L		02/03/26 10:23	02/06/26 18:50	1
Atrazine	ND		10.2	1.15	ug/L		02/03/26 10:23	02/06/26 18:50	1
Benzaldehyde	ND		10.2	0.684	ug/L		02/03/26 10:23	02/06/26 18:50	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/03/26 10:23	02/06/26 18:50	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 18:50	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 18:50	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 18:50	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 18:50	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		02/03/26 10:23	02/06/26 18:50	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		02/03/26 10:23	02/06/26 18:50	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		02/03/26 10:23	02/06/26 18:50	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 18:50	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 18:50	1
Caprolactam	ND		10.2	2.45	ug/L		02/03/26 10:23	02/06/26 18:50	1
Carbazole	ND		10.2	0.327	ug/L		02/03/26 10:23	02/06/26 18:50	1
Chrysene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 18:50	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		02/03/26 10:23	02/06/26 18:50	1
Dibenzofuran	ND		10.2	0.653	ug/L		02/03/26 10:23	02/06/26 18:50	1
Diethyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 18:50	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 18:50	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		02/03/26 10:23	02/06/26 18:50	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 18:50	1
Fluoranthene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 18:50	1
Fluorene	ND		10.2	0.684	ug/L		02/03/26 10:23	02/06/26 18:50	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		02/03/26 10:23	02/06/26 18:50	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		02/03/26 10:23	02/06/26 18:50	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		02/03/26 10:23	02/06/26 18:50	1
Hexachloroethane	ND		10.2	0.541	ug/L		02/03/26 10:23	02/06/26 18:50	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 18:50	1
Isophorone	ND		10.2	0.816	ug/L		02/03/26 10:23	02/06/26 18:50	1
Naphthalene	ND		10.2	0.765	ug/L		02/03/26 10:23	02/06/26 18:50	1
Nitrobenzene	ND		10.2	0.612	ug/L		02/03/26 10:23	02/06/26 18:50	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		02/03/26 10:23	02/06/26 18:50	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		02/03/26 10:23	02/06/26 18:50	1

Client Sample ID: 825-SW-1
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.86	ug/L		02/03/26 10:23	02/06/26 18:50	1
Phenanthrene	ND		10.2	0.755	ug/L		02/03/26 10:23	02/06/26 18:50	1
Phenol	ND		10.2	0.694	ug/L		02/03/26 10:23	02/06/26 18:50	1
Pyrene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*02/03/26 10:23*	*02/06/26 18:50*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/03/26 10:23*	*02/06/26 18:50*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 150*	*02/03/26 10:23*	*02/06/26 18:50*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*	*02/03/26 10:23*	*02/06/26 18:50*	*1*
Phenol-d5 (Surr)	*56*		*10 - 150*	*02/03/26 10:23*	*02/06/26 18:50*	*1*
Terphenyl-d14 (Surr)	*50*		*28 - 150*	*02/03/26 10:23*	*02/06/26 18:50*	*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		01/29/26 14:30	01/31/26 04:02	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:02	1
Barium	**148**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:02	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:02	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:02	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:02	1
Cobalt	**0.454**	**J**	5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:02	1
Copper	**3.83**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:02	1
Lead	**1.10**		1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:02	1
Manganese	**112**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:02	1
Nickel	**2.62**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:02	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 13:58	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:02	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:02	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:02	1
Zinc	**47.6**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:02	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		02/02/26 17:06	02/03/26 21:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.380**		0.0500	0.0200	mg/L			01/30/26 11:58	1
Nitrite as N (EPA 353.2)	**0.0336**	**J**	0.100	0.0168	mg/L			01/28/26 16:04	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.269**		0.100	0.0100	mg/L			02/04/26 11:40	1
Nitrate as N (SM Nitrate by calc)	**0.235**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**30.9**		5.00	1.40	mg/L			02/04/26 16:41	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.19	J	10.0	4.04	ug/L			01/31/26 21:54	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 21:54	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 21:54	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 21:54	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 21:54	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 21:54	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 21:54	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 21:54	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 21:54	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 21:54	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 21:54	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 21:54	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 21:54	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 21:54	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 21:54	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 21:54	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 21:54	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 21:54	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 21:54	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 21:54	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 21:54	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 21:54	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 21:54	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 21:54	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 21:54	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 21:54	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 21:54	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 21:54	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 21:54	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 21:54	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 21:54	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 21:54	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 21:54	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 21:54	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 21:54	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 21:54	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 21:54	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 21:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 21:54	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 21:54	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 21:54	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 21:54	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 21:54	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 21:54	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 21:54	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 21:54	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 21:54	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 21:54	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 21:54	1

Client Sample ID: 825-SW-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 21:54	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 21:54	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 21:54	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 21:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 21:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 21:54	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 21:54	1
Toluene	**0.485**	**J**	1.00	0.197	ug/L			01/31/26 21:54	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 21:54	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 21:54	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 21:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 21:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 21:54	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 21:54	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 21:54	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 21:54	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 21:54	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 21:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 21:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 21:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 21:54	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 21:54	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 21:54	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*01/31/26 21:54*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*01/31/26 21:54*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/31/26 21:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		02/03/26 10:23	02/06/26 19:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*80*		*40 - 150*	*02/03/26 10:23*	*02/06/26 19:20*	*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		02/03/26 10:23	02/06/26 19:20	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		02/03/26 10:23	02/06/26 19:20	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		02/03/26 10:23	02/06/26 19:20	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		02/03/26 10:23	02/06/26 19:20	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		02/03/26 10:23	02/06/26 19:20	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		02/03/26 10:23	02/06/26 19:20	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		02/03/26 10:23	02/06/26 19:20	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		02/03/26 10:23	02/06/26 19:20	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		02/03/26 10:23	02/06/26 19:20	1
2-Chlorophenol	ND		10.2	0.857	ug/L		02/03/26 10:23	02/06/26 19:20	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		02/03/26 10:23	02/06/26 19:20	1
2-Methylphenol	ND		10.2	0.776	ug/L		02/03/26 10:23	02/06/26 19:20	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		02/03/26 10:23	02/06/26 19:20	1
2-Nitrophenol	ND		10.2	1.19	ug/L		02/03/26 10:23	02/06/26 19:20	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		02/03/26 10:23	02/06/26 19:20	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		02/03/26 10:23	02/06/26 19:20	1
3-Nitroaniline	ND		10.2	0.969	ug/L		02/03/26 10:23	02/06/26 19:20	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		02/03/26 10:23	02/06/26 19:20	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		02/03/26 10:23	02/06/26 19:20	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		02/03/26 10:23	02/06/26 19:20	1
4-Chloroaniline	ND		10.2	0.592	ug/L		02/03/26 10:23	02/06/26 19:20	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		02/03/26 10:23	02/06/26 19:20	1
4-Nitroaniline	ND		10.2	3.57	ug/L		02/03/26 10:23	02/06/26 19:20	1
4-Nitrophenol	ND		10.2	2.80	ug/L		02/03/26 10:23	02/06/26 19:20	1
Acenaphthene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 19:20	1
Acenaphthylene	ND		10.2	0.776	ug/L		02/03/26 10:23	02/06/26 19:20	1
Acetophenone	ND		10.2	3.27	ug/L		02/03/26 10:23	02/06/26 19:20	1
Anthracene	ND		10.2	0.929	ug/L		02/03/26 10:23	02/06/26 19:20	1
Atrazine	ND		10.2	1.15	ug/L		02/03/26 10:23	02/06/26 19:20	1
Benzaldehyde	ND		10.2	0.684	ug/L		02/03/26 10:23	02/06/26 19:20	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/03/26 10:23	02/06/26 19:20	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 19:20	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 19:20	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 19:20	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 19:20	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		02/03/26 10:23	02/06/26 19:20	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		02/03/26 10:23	02/06/26 19:20	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		02/03/26 10:23	02/06/26 19:20	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:20	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:20	1
Caprolactam	ND		10.2	2.45	ug/L		02/03/26 10:23	02/06/26 19:20	1
Carbazole	ND		10.2	0.327	ug/L		02/03/26 10:23	02/06/26 19:20	1
Chrysene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 19:20	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		02/03/26 10:23	02/06/26 19:20	1
Dibenzofuran	ND		10.2	0.653	ug/L		02/03/26 10:23	02/06/26 19:20	1
Diethyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:20	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:20	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		02/03/26 10:23	02/06/26 19:20	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:20	1
Fluoranthene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 19:20	1
Fluorene	ND		10.2	0.684	ug/L		02/03/26 10:23	02/06/26 19:20	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		02/03/26 10:23	02/06/26 19:20	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		02/03/26 10:23	02/06/26 19:20	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		02/03/26 10:23	02/06/26 19:20	1
Hexachloroethane	ND		10.2	0.541	ug/L		02/03/26 10:23	02/06/26 19:20	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 19:20	1
Isophorone	ND		10.2	0.816	ug/L		02/03/26 10:23	02/06/26 19:20	1
Naphthalene	ND		10.2	0.765	ug/L		02/03/26 10:23	02/06/26 19:20	1
Nitrobenzene	ND		10.2	0.612	ug/L		02/03/26 10:23	02/06/26 19:20	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		02/03/26 10:23	02/06/26 19:20	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		02/03/26 10:23	02/06/26 19:20	1

Client Sample ID: 825-SW-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.86	ug/L		02/03/26 10:23	02/06/26 19:20	1
Phenanthrene	ND		10.2	0.755	ug/L		02/03/26 10:23	02/06/26 19:20	1
Phenol	ND		10.2	0.694	ug/L		02/03/26 10:23	02/06/26 19:20	1
Pyrene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 150*	*02/03/26 10:23*	*02/06/26 19:20*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*02/03/26 10:23*	*02/06/26 19:20*	*1*
2-Fluorophenol (Surr)	*62*		*10 - 150*	*02/03/26 10:23*	*02/06/26 19:20*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*02/03/26 10:23*	*02/06/26 19:20*	*1*
Phenol-d5 (Surr)	*53*		*10 - 150*	*02/03/26 10:23*	*02/06/26 19:20*	*1*
Terphenyl-d14 (Surr)	*51*		*28 - 150*	*02/03/26 10:23*	*02/06/26 19:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 14:30	01/31/26 04:05	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:05	1
Barium	**148**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:05	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:05	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:05	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:05	1
Cobalt	**0.621**	**J**	5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:05	1
Copper	**3.40**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:05	1
Lead	**1.24**		1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:05	1
Manganese	**128**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:05	1
Nickel	**2.90**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:05	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 14:00	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:05	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:05	1
Vanadium	**1.25**	**J**	5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:05	1
Zinc	**37.3**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/02/26 17:06	02/03/26 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.458**	**F1**	0.0500	0.0200	mg/L			01/30/26 12:00	1
Nitrite as N (EPA 353.2)	**0.0288**	**J**	0.100	0.0168	mg/L			01/28/26 16:06	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.331**	**F1**	0.100	0.0100	mg/L			02/04/26 11:31	1
Nitrate as N (SM Nitrate by calc)	**0.302**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**30.7**		5.00	1.40	mg/L			02/04/26 16:41	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.18	J	10.0	4.04	ug/L			01/31/26 22:19	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 22:19	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 22:19	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 22:19	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 22:19	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 22:19	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 22:19	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 22:19	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 22:19	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 22:19	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 22:19	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 22:19	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 22:19	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 22:19	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 22:19	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 22:19	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 22:19	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 22:19	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 22:19	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 22:19	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 22:19	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 22:19	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 22:19	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 22:19	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 22:19	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 22:19	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 22:19	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 22:19	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 22:19	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 22:19	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 22:19	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 22:19	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 22:19	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 22:19	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 22:19	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 22:19	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 22:19	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 22:19	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 22:19	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 22:19	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 22:19	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 22:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 22:19	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 22:19	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 22:19	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 22:19	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 22:19	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 22:19	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 22:19	1

Client Sample ID: 825-SW-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 22:19	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 22:19	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 22:19	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 22:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 22:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 22:19	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 22:19	1
Toluene	**0.309**	**J**	1.00	0.197	ug/L			01/31/26 22:19	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 22:19	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 22:19	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 22:19	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 22:19	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 22:19	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 22:19	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 22:19	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 22:19	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 22:19	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 22:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 22:19	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 22:19	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 22:19	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 22:19	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 22:19	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*70 - 126*		*01/31/26 22:19*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*01/31/26 22:19*	*1*
Toluene-d8 (Surr)	*99*		*79 - 119*		*01/31/26 22:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.306	0.306	ug/L		02/03/26 10:23	02/06/26 19:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*81*		*40 - 150*	*02/03/26 10:23*	*02/06/26 19:49*	*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		10.2	0.429	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,4,5-Trichlorophenol	ND		10.2	0.551	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,4-Dichlorophenol	ND		10.2	0.582	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,4-Dimethylphenol	ND		10.2	0.245	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,4-Dinitrophenol	ND		30.6	4.78	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,4-Dinitrotoluene	ND		10.2	0.663	ug/L		02/03/26 10:23	02/06/26 19:49	1
2,6-Dinitrotoluene	ND		10.2	0.296	ug/L		02/03/26 10:23	02/06/26 19:49	1
2-Chloronaphthalene	ND		10.2	0.388	ug/L		02/03/26 10:23	02/06/26 19:49	1
2-Chlorophenol	ND		10.2	0.857	ug/L		02/03/26 10:23	02/06/26 19:49	1
2-Methylnaphthalene	ND		10.2	0.827	ug/L		02/03/26 10:23	02/06/26 19:49	1
2-Methylphenol	ND		10.2	0.776	ug/L		02/03/26 10:23	02/06/26 19:49	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.40	ug/L		02/03/26 10:23	02/06/26 19:49	1
2-Nitrophenol	ND		10.2	1.19	ug/L		02/03/26 10:23	02/06/26 19:49	1
3 & 4 Methylphenol	ND		20.4	4.69	ug/L		02/03/26 10:23	02/06/26 19:49	1
3,3'-Dichlorobenzidine	ND		11.2	0.418	ug/L		02/03/26 10:23	02/06/26 19:49	1
3-Nitroaniline	ND		10.2	0.969	ug/L		02/03/26 10:23	02/06/26 19:49	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.01	ug/L		02/03/26 10:23	02/06/26 19:49	1
4-Bromophenyl phenyl ether	ND		10.2	0.133	ug/L		02/03/26 10:23	02/06/26 19:49	1
4-Chloro-3-methylphenol	ND		10.2	0.745	ug/L		02/03/26 10:23	02/06/26 19:49	1
4-Chloroaniline	ND		10.2	0.592	ug/L		02/03/26 10:23	02/06/26 19:49	1
4-Chlorophenyl phenyl ether	ND		10.2	0.245	ug/L		02/03/26 10:23	02/06/26 19:49	1
4-Nitroaniline	ND		10.2	3.57	ug/L		02/03/26 10:23	02/06/26 19:49	1
4-Nitrophenol	ND		10.2	2.80	ug/L		02/03/26 10:23	02/06/26 19:49	1
Acenaphthene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 19:49	1
Acenaphthylene	ND		10.2	0.776	ug/L		02/03/26 10:23	02/06/26 19:49	1
Acetophenone	ND		10.2	3.27	ug/L		02/03/26 10:23	02/06/26 19:49	1
Anthracene	ND		10.2	0.929	ug/L		02/03/26 10:23	02/06/26 19:49	1
Atrazine	ND		10.2	1.15	ug/L		02/03/26 10:23	02/06/26 19:49	1
Benzaldehyde	ND		10.2	0.684	ug/L		02/03/26 10:23	02/06/26 19:49	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/03/26 10:23	02/06/26 19:49	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 19:49	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 19:49	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 19:49	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 19:49	1
bis (2-chloroisopropyl) ether	ND		10.2	0.949	ug/L		02/03/26 10:23	02/06/26 19:49	1
Bis(2-chloroethoxy)methane	ND		10.2	0.347	ug/L		02/03/26 10:23	02/06/26 19:49	1
Bis(2-chloroethyl)ether	ND		10.2	0.745	ug/L		02/03/26 10:23	02/06/26 19:49	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:49	1
Butyl benzyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:49	1
Caprolactam	ND		10.2	2.45	ug/L		02/03/26 10:23	02/06/26 19:49	1
Carbazole	ND		10.2	0.327	ug/L		02/03/26 10:23	02/06/26 19:49	1
Chrysene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 19:49	1
Dibenz(a,h)anthracene	ND		10.2	1.33	ug/L		02/03/26 10:23	02/06/26 19:49	1
Dibenzofuran	ND		10.2	0.653	ug/L		02/03/26 10:23	02/06/26 19:49	1
Diethyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:49	1
Dimethyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:49	1
Di-n-butyl phthalate	ND		10.2	8.36	ug/L		02/03/26 10:23	02/06/26 19:49	1
Di-n-octyl phthalate	ND		10.2	4.08	ug/L		02/03/26 10:23	02/06/26 19:49	1
Fluoranthene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 19:49	1
Fluorene	ND		10.2	0.684	ug/L		02/03/26 10:23	02/06/26 19:49	1
Hexachlorobenzene	ND		10.2	0.255	ug/L		02/03/26 10:23	02/06/26 19:49	1
Hexachlorobutadiene	ND		10.2	0.561	ug/L		02/03/26 10:23	02/06/26 19:49	1
Hexachlorocyclopentadiene	ND		20.4	0.327	ug/L		02/03/26 10:23	02/06/26 19:49	1
Hexachloroethane	ND		10.2	0.541	ug/L		02/03/26 10:23	02/06/26 19:49	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 19:49	1
Isophorone	ND		10.2	0.816	ug/L		02/03/26 10:23	02/06/26 19:49	1
Naphthalene	ND		10.2	0.765	ug/L		02/03/26 10:23	02/06/26 19:49	1
Nitrobenzene	ND		10.2	0.612	ug/L		02/03/26 10:23	02/06/26 19:49	1
N-Nitrosodi-n-propylamine	ND		10.2	0.337	ug/L		02/03/26 10:23	02/06/26 19:49	1
N-Nitrosodiphenylamine	ND		10.2	0.194	ug/L		02/03/26 10:23	02/06/26 19:49	1

Client Sample ID: 825-SW-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.86	ug/L		02/03/26 10:23	02/06/26 19:49	1
Phenanthrene	ND		10.2	0.755	ug/L		02/03/26 10:23	02/06/26 19:49	1
Phenol	ND		10.2	0.694	ug/L		02/03/26 10:23	02/06/26 19:49	1
Pyrene	ND		10.2	0.643	ug/L		02/03/26 10:23	02/06/26 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 150*	*02/03/26 10:23*	*02/06/26 19:49*	*1*
2-Fluorobiphenyl (Surr)	*65*		*25 - 139*	*02/03/26 10:23*	*02/06/26 19:49*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 150*	*02/03/26 10:23*	*02/06/26 19:49*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 150*	*02/03/26 10:23*	*02/06/26 19:49*	*1*
Phenol-d5 (Surr)	*59*		*10 - 150*	*02/03/26 10:23*	*02/06/26 19:49*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*02/03/26 10:23*	*02/06/26 19:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 14:30	01/31/26 04:26	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:26	1
Barium	**145**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:26	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:26	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:26	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:26	1
Cobalt	**0.459**	**J**	5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:26	1
Copper	**3.39**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:26	1
Lead	**1.08**		1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:26	1
Manganese	**97.5**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:26	1
Nickel	**2.69**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:26	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 14:03	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:26	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:26	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:26	1
Zinc	**42.6**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:26	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		02/02/26 17:06	02/03/26 22:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.545**		0.0500	0.0200	mg/L			01/30/26 12:09	1
Nitrite as N (EPA 353.2)	**0.0274**	**J**	0.100	0.0168	mg/L			01/28/26 16:08	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.326**		0.100	0.0100	mg/L			02/04/26 11:44	1
Nitrate as N (SM Nitrate by calc)	**0.299**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**30.2**		5.00	1.40	mg/L			02/04/26 16:42	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-4
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.43	J	10.0	4.04	ug/L			01/31/26 22:44	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 22:44	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 22:44	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 22:44	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 22:44	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 22:44	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 22:44	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 22:44	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 22:44	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 22:44	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 22:44	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 22:44	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 22:44	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 22:44	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 22:44	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 22:44	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 22:44	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 22:44	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 22:44	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 22:44	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 22:44	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 22:44	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 22:44	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 22:44	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 22:44	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 22:44	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 22:44	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 22:44	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 22:44	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 22:44	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 22:44	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 22:44	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 22:44	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 22:44	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 22:44	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 22:44	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 22:44	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 22:44	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 22:44	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 22:44	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 22:44	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 22:44	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 22:44	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 22:44	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 22:44	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 22:44	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 22:44	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 22:44	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 22:44	1

Client Sample ID: 825-SW-4

Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 22:44	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 22:44	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 22:44	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 22:44	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 22:44	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 22:44	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 22:44	1
Toluene	**0.264**	**J**	1.00	0.197	ug/L			01/31/26 22:44	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 22:44	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 22:44	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 22:44	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 22:44	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 22:44	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 22:44	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 22:44	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 22:44	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 22:44	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 22:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 22:44	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 22:44	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 22:44	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 22:44	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 22:44	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*70 - 126*		*01/31/26 22:44*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*01/31/26 22:44*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/31/26 22:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.309	0.309	ug/L		02/03/26 10:23	02/06/26 20:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*87*		*40 - 150*	*02/03/26 10:23*	*02/06/26 20:19*	*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		10.3	0.433	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,4,5-Trichlorophenol	ND		10.3	0.557	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,4-Dichlorophenol	ND		10.3	0.588	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,4-Dinitrophenol	ND		30.9	4.82	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,4-Dinitrotoluene	ND		10.3	0.670	ug/L		02/03/26 10:23	02/06/26 20:19	1
2,6-Dinitrotoluene	ND		10.3	0.299	ug/L		02/03/26 10:23	02/06/26 20:19	1
2-Chloronaphthalene	ND		10.3	0.392	ug/L		02/03/26 10:23	02/06/26 20:19	1
2-Chlorophenol	ND		10.3	0.866	ug/L		02/03/26 10:23	02/06/26 20:19	1
2-Methylnaphthalene	ND		10.3	0.835	ug/L		02/03/26 10:23	02/06/26 20:19	1
2-Methylphenol	ND		10.3	0.784	ug/L		02/03/26 10:23	02/06/26 20:19	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-4
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.3	1.41	ug/L		02/03/26 10:23	02/06/26 20:19	1
2-Nitrophenol	ND		10.3	1.21	ug/L		02/03/26 10:23	02/06/26 20:19	1
3 & 4 Methylphenol	ND		20.6	4.74	ug/L		02/03/26 10:23	02/06/26 20:19	1
3,3'-Dichlorobenzidine	ND		11.3	0.423	ug/L		02/03/26 10:23	02/06/26 20:19	1
3-Nitroaniline	ND		10.3	0.979	ug/L		02/03/26 10:23	02/06/26 20:19	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.03	ug/L		02/03/26 10:23	02/06/26 20:19	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		02/03/26 10:23	02/06/26 20:19	1
4-Chloro-3-methylphenol	ND		10.3	0.753	ug/L		02/03/26 10:23	02/06/26 20:19	1
4-Chloroaniline	ND		10.3	0.598	ug/L		02/03/26 10:23	02/06/26 20:19	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		02/03/26 10:23	02/06/26 20:19	1
4-Nitroaniline	ND		10.3	3.61	ug/L		02/03/26 10:23	02/06/26 20:19	1
4-Nitrophenol	ND		10.3	2.82	ug/L		02/03/26 10:23	02/06/26 20:19	1
Acenaphthene	ND		10.3	0.649	ug/L		02/03/26 10:23	02/06/26 20:19	1
Acenaphthylene	ND		10.3	0.784	ug/L		02/03/26 10:23	02/06/26 20:19	1
Acetophenone	ND		10.3	3.30	ug/L		02/03/26 10:23	02/06/26 20:19	1
Anthracene	ND		10.3	0.938	ug/L		02/03/26 10:23	02/06/26 20:19	1
Atrazine	ND		10.3	1.16	ug/L		02/03/26 10:23	02/06/26 20:19	1
Benzaldehyde	ND		10.3	0.691	ug/L		02/03/26 10:23	02/06/26 20:19	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		02/03/26 10:23	02/06/26 20:19	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		02/03/26 10:23	02/06/26 20:19	1
Benzo[b]fluoranthene	ND		10.3	1.24	ug/L		02/03/26 10:23	02/06/26 20:19	1
Benzo[g,h,i]perylene	ND		10.3	1.55	ug/L		02/03/26 10:23	02/06/26 20:19	1
Benzo[k]fluoranthene	ND		10.3	1.55	ug/L		02/03/26 10:23	02/06/26 20:19	1
bis (2-chloroisopropyl) ether	ND		10.3	0.959	ug/L		02/03/26 10:23	02/06/26 20:19	1
Bis(2-chloroethoxy)methane	ND		10.3	0.351	ug/L		02/03/26 10:23	02/06/26 20:19	1
Bis(2-chloroethyl)ether	ND		10.3	0.753	ug/L		02/03/26 10:23	02/06/26 20:19	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.12	ug/L		02/03/26 10:23	02/06/26 20:19	1
Butyl benzyl phthalate	ND		10.3	4.12	ug/L		02/03/26 10:23	02/06/26 20:19	1
Caprolactam	ND		10.3	2.47	ug/L		02/03/26 10:23	02/06/26 20:19	1
Carbazole	ND		10.3	0.330	ug/L		02/03/26 10:23	02/06/26 20:19	1
Chrysene	ND		10.3	1.24	ug/L		02/03/26 10:23	02/06/26 20:19	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		02/03/26 10:23	02/06/26 20:19	1
Dibenzofuran	ND		10.3	0.660	ug/L		02/03/26 10:23	02/06/26 20:19	1
Diethyl phthalate	ND		10.3	4.12	ug/L		02/03/26 10:23	02/06/26 20:19	1
Dimethyl phthalate	ND		10.3	4.12	ug/L		02/03/26 10:23	02/06/26 20:19	1
Di-n-butyl phthalate	ND		10.3	8.44	ug/L		02/03/26 10:23	02/06/26 20:19	1
Di-n-octyl phthalate	ND		10.3	4.12	ug/L		02/03/26 10:23	02/06/26 20:19	1
Fluoranthene	ND		10.3	0.649	ug/L		02/03/26 10:23	02/06/26 20:19	1
Fluorene	ND		10.3	0.691	ug/L		02/03/26 10:23	02/06/26 20:19	1
Hexachlorobenzene	ND		10.3	0.258	ug/L		02/03/26 10:23	02/06/26 20:19	1
Hexachlorobutadiene	ND		10.3	0.567	ug/L		02/03/26 10:23	02/06/26 20:19	1
Hexachlorocyclopentadiene	ND		20.6	0.330	ug/L		02/03/26 10:23	02/06/26 20:19	1
Hexachloroethane	ND		10.3	0.546	ug/L		02/03/26 10:23	02/06/26 20:19	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		02/03/26 10:23	02/06/26 20:19	1
Isophorone	ND		10.3	0.825	ug/L		02/03/26 10:23	02/06/26 20:19	1
Naphthalene	ND		10.3	0.773	ug/L		02/03/26 10:23	02/06/26 20:19	1
Nitrobenzene	ND		10.3	0.619	ug/L		02/03/26 10:23	02/06/26 20:19	1
N-Nitrosodi-n-propylamine	ND		10.3	0.340	ug/L		02/03/26 10:23	02/06/26 20:19	1
N-Nitrosodiphenylamine	ND		10.3	0.196	ug/L		02/03/26 10:23	02/06/26 20:19	1

Client Sample ID: 825-SW-4
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.3	2.89	ug/L		02/03/26 10:23	02/06/26 20:19	1
Phenanthrene	ND		10.3	0.763	ug/L		02/03/26 10:23	02/06/26 20:19	1
Phenol	ND		10.3	0.701	ug/L		02/03/26 10:23	02/06/26 20:19	1
Pyrene	ND		10.3	0.649	ug/L		02/03/26 10:23	02/06/26 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 150*	*02/03/26 10:23*	*02/06/26 20:19*	*1*
2-Fluorobiphenyl (Surr)	*61*		*25 - 139*	*02/03/26 10:23*	*02/06/26 20:19*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*02/03/26 10:23*	*02/06/26 20:19*	*1*
Nitrobenzene-d5 (Surr)	*72*		*22 - 150*	*02/03/26 10:23*	*02/06/26 20:19*	*1*
Phenol-d5 (Surr)	*71*		*10 - 150*	*02/03/26 10:23*	*02/06/26 20:19*	*1*
Terphenyl-d14 (Surr)	*46*		*28 - 150*	*02/03/26 10:23*	*02/06/26 20:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 14:30	01/31/26 04:29	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:29	1
Barium	**139**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:29	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:29	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:29	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:29	1
Cobalt	ND		5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:29	1
Copper	**4.01**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:29	1
Lead	**1.15**		1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:29	1
Manganese	**98.4**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:29	1
Nickel	**2.52**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:29	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 14:06	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:29	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:29	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:29	1
Zinc	**38.4**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/02/26 17:06	02/03/26 22:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.556**		0.0500	0.0200	mg/L			01/30/26 12:11	1
Nitrite as N (EPA 353.2)	**0.0291**	**J**	0.100	0.0168	mg/L			01/28/26 16:09	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.332**		0.100	0.0100	mg/L			02/04/26 11:49	1
Nitrate as N (SM Nitrate by calc)	**0.303**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**29.5**		5.00	1.40	mg/L			02/04/26 16:42	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-Dup
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.57	J	10.0	4.04	ug/L			01/31/26 23:09	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 23:09	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 23:09	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 23:09	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 23:09	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 23:09	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 23:09	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 23:09	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 23:09	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 23:09	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 23:09	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 23:09	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 23:09	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 23:09	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 23:09	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 23:09	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 23:09	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 23:09	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 23:09	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 23:09	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 23:09	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 23:09	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 23:09	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 23:09	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 23:09	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 23:09	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 23:09	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 23:09	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 23:09	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 23:09	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 23:09	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 23:09	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 23:09	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 23:09	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 23:09	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 23:09	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 23:09	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 23:09	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 23:09	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 23:09	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 23:09	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 23:09	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 23:09	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 23:09	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 23:09	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 23:09	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 23:09	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 23:09	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 23:09	1

Client Sample ID: 825-SW-Dup
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 23:09	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 23:09	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 23:09	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 23:09	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 23:09	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 23:09	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 23:09	1
Toluene	**0.278**	**J**	1.00	0.197	ug/L			01/31/26 23:09	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 23:09	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 23:09	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 23:09	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 23:09	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 23:09	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 23:09	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 23:09	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 23:09	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 23:09	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 23:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 23:09	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 23:09	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 23:09	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 23:09	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 23:09	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/31/26 23:09*	*1*
Dibromofluoromethane	*106*		*77 - 121*		*01/31/26 23:09*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/31/26 23:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.292	0.292	ug/L		02/03/26 10:23	02/06/26 20:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*84*		*40 - 150*	*02/03/26 10:23*	*02/06/26 20:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		9.74	0.409	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,4,5-Trichlorophenol	ND		9.74	0.526	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,4,6-Trichlorophenol	ND		9.74	1.06	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,4-Dichlorophenol	ND		9.74	0.555	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,4-Dimethylphenol	ND		9.74	0.234	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,4-Dinitrophenol	ND		29.2	4.56	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,4-Dinitrotoluene	ND		9.74	0.633	ug/L		02/03/26 10:23	02/06/26 20:49	1
2,6-Dinitrotoluene	ND		9.74	0.282	ug/L		02/03/26 10:23	02/06/26 20:49	1
2-Chloronaphthalene	ND		9.74	0.370	ug/L		02/03/26 10:23	02/06/26 20:49	1
2-Chlorophenol	ND		9.74	0.818	ug/L		02/03/26 10:23	02/06/26 20:49	1
2-Methylnaphthalene	ND		9.74	0.789	ug/L		02/03/26 10:23	02/06/26 20:49	1
2-Methylphenol	ND		9.74	0.740	ug/L		02/03/26 10:23	02/06/26 20:49	1

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Client Sample ID: 825-SW-Dup
Lab Sample ID: 752-41378-5
Date Collected: 01/27/26 14:15
Matrix: Water
Date Received: 01/27/26 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		9.74	1.33	ug/L		02/03/26 10:23	02/06/26 20:49	1
2-Nitrophenol	ND		9.74	1.14	ug/L		02/03/26 10:23	02/06/26 20:49	1
3 & 4 Methylphenol	ND		19.5	4.48	ug/L		02/03/26 10:23	02/06/26 20:49	1
3,3'-Dichlorobenzidine	ND		10.7	0.399	ug/L		02/03/26 10:23	02/06/26 20:49	1
3-Nitroaniline	ND		9.74	0.925	ug/L		02/03/26 10:23	02/06/26 20:49	1
4,6-Dinitro-2-methylphenol	ND		9.74	1.92	ug/L		02/03/26 10:23	02/06/26 20:49	1
4-Bromophenyl phenyl ether	ND		9.74	0.127	ug/L		02/03/26 10:23	02/06/26 20:49	1
4-Chloro-3-methylphenol	ND		9.74	0.711	ug/L		02/03/26 10:23	02/06/26 20:49	1
4-Chloroaniline	ND		9.74	0.565	ug/L		02/03/26 10:23	02/06/26 20:49	1
4-Chlorophenyl phenyl ether	ND		9.74	0.234	ug/L		02/03/26 10:23	02/06/26 20:49	1
4-Nitroaniline	ND		9.74	3.41	ug/L		02/03/26 10:23	02/06/26 20:49	1
4-Nitrophenol	ND		9.74	2.67	ug/L		02/03/26 10:23	02/06/26 20:49	1
Acenaphthene	ND		9.74	0.614	ug/L		02/03/26 10:23	02/06/26 20:49	1
Acenaphthylene	ND		9.74	0.740	ug/L		02/03/26 10:23	02/06/26 20:49	1
Acetophenone	ND		9.74	3.12	ug/L		02/03/26 10:23	02/06/26 20:49	1
Anthracene	ND		9.74	0.886	ug/L		02/03/26 10:23	02/06/26 20:49	1
Atrazine	ND		9.74	1.10	ug/L		02/03/26 10:23	02/06/26 20:49	1
Benzaldehyde	ND		9.74	0.653	ug/L		02/03/26 10:23	02/06/26 20:49	1
Benzo[a]anthracene	ND		9.74	0.974	ug/L		02/03/26 10:23	02/06/26 20:49	1
Benzo[a]pyrene	ND		9.74	1.07	ug/L		02/03/26 10:23	02/06/26 20:49	1
Benzo[b]fluoranthene	ND		9.74	1.17	ug/L		02/03/26 10:23	02/06/26 20:49	1
Benzo[g,h,i]perylene	ND		9.74	1.46	ug/L		02/03/26 10:23	02/06/26 20:49	1
Benzo[k]fluoranthene	ND		9.74	1.46	ug/L		02/03/26 10:23	02/06/26 20:49	1
bis (2-chloroisopropyl) ether	ND		9.74	0.906	ug/L		02/03/26 10:23	02/06/26 20:49	1
Bis(2-chloroethoxy)methane	ND		9.74	0.331	ug/L		02/03/26 10:23	02/06/26 20:49	1
Bis(2-chloroethyl)ether	ND		9.74	0.711	ug/L		02/03/26 10:23	02/06/26 20:49	1
Bis(2-ethylhexyl) phthalate	ND		9.74	3.90	ug/L		02/03/26 10:23	02/06/26 20:49	1
Butyl benzyl phthalate	ND		9.74	3.90	ug/L		02/03/26 10:23	02/06/26 20:49	1
Caprolactam	ND		9.74	2.34	ug/L		02/03/26 10:23	02/06/26 20:49	1
Carbazole	ND		9.74	0.312	ug/L		02/03/26 10:23	02/06/26 20:49	1
Chrysene	ND		9.74	1.17	ug/L		02/03/26 10:23	02/06/26 20:49	1
Dibenz(a,h)anthracene	ND		9.74	1.27	ug/L		02/03/26 10:23	02/06/26 20:49	1
Dibenzofuran	ND		9.74	0.623	ug/L		02/03/26 10:23	02/06/26 20:49	1
Diethyl phthalate	ND		9.74	3.90	ug/L		02/03/26 10:23	02/06/26 20:49	1
Dimethyl phthalate	ND		9.74	3.90	ug/L		02/03/26 10:23	02/06/26 20:49	1
Di-n-butyl phthalate	ND		9.74	7.98	ug/L		02/03/26 10:23	02/06/26 20:49	1
Di-n-octyl phthalate	ND		9.74	3.90	ug/L		02/03/26 10:23	02/06/26 20:49	1
Fluoranthene	ND		9.74	0.614	ug/L		02/03/26 10:23	02/06/26 20:49	1
Fluorene	ND		9.74	0.653	ug/L		02/03/26 10:23	02/06/26 20:49	1
Hexachlorobenzene	ND		9.74	0.244	ug/L		02/03/26 10:23	02/06/26 20:49	1
Hexachlorobutadiene	ND		9.74	0.536	ug/L		02/03/26 10:23	02/06/26 20:49	1
Hexachlorocyclopentadiene	ND		19.5	0.312	ug/L		02/03/26 10:23	02/06/26 20:49	1
Hexachloroethane	ND		9.74	0.516	ug/L		02/03/26 10:23	02/06/26 20:49	1
Indeno[1,2,3-cd]pyrene	ND		9.74	1.07	ug/L		02/03/26 10:23	02/06/26 20:49	1
Isophorone	ND		9.74	0.779	ug/L		02/03/26 10:23	02/06/26 20:49	1
Naphthalene	ND		9.74	0.731	ug/L		02/03/26 10:23	02/06/26 20:49	1
Nitrobenzene	ND		9.74	0.584	ug/L		02/03/26 10:23	02/06/26 20:49	1
N-Nitrosodi-n-propylamine	ND		9.74	0.321	ug/L		02/03/26 10:23	02/06/26 20:49	1
N-Nitrosodiphenylamine	ND		9.74	0.185	ug/L		02/03/26 10:23	02/06/26 20:49	1

Client Sample ID: 825-SW-Dup
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		9.74	2.73	ug/L		02/03/26 10:23	02/06/26 20:49	1
Phenanthrene	ND		9.74	0.721	ug/L		02/03/26 10:23	02/06/26 20:49	1
Phenol	ND		9.74	0.662	ug/L		02/03/26 10:23	02/06/26 20:49	1
Pyrene	ND		9.74	0.614	ug/L		02/03/26 10:23	02/06/26 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 150*	*02/03/26 10:23*	*02/06/26 20:49*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/03/26 10:23*	*02/06/26 20:49*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 150*	*02/03/26 10:23*	*02/06/26 20:49*	*1*
Nitrobenzene-d5 (Surr)	*75*		*22 - 150*	*02/03/26 10:23*	*02/06/26 20:49*	*1*
Phenol-d5 (Surr)	*69*		*10 - 150*	*02/03/26 10:23*	*02/06/26 20:49*	*1*
Terphenyl-d14 (Surr)	*50*		*28 - 150*	*02/03/26 10:23*	*02/06/26 20:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 14:30	01/31/26 04:32	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:32	1
Barium	**142**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:32	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:32	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:32	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:32	1
Cobalt	ND		5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:32	1
Copper	**3.81**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:32	1
Lead	**1.05**		1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:32	1
Manganese	**96.7**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:32	1
Nickel	**2.35**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:32	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 14:08	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:32	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:32	1
Vanadium	**1.31**	**J**	5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:32	1
Zinc	**39.8**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/02/26 17:06	02/03/26 22:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.514**		0.0500	0.0200	mg/L			01/30/26 12:12	1
Nitrite as N (EPA 353.2)	**0.0298**	**J**	0.100	0.0168	mg/L			01/28/26 16:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.340**	**F1**	0.100	0.0100	mg/L			02/04/26 11:26	1
Nitrate as N (SM Nitrate by calc)	**0.310**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**29.5**		5.00	1.40	mg/L			02/04/26 16:43	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-5
Date Collected: 01/27/26 15:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.13	J	10.0	4.04	ug/L			01/31/26 23:34	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 23:34	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 23:34	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 23:34	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 23:34	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 23:34	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 23:34	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 23:34	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 23:34	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 23:34	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 23:34	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 23:34	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 23:34	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 23:34	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 23:34	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 23:34	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 23:34	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 23:34	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 23:34	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 23:34	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 23:34	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 23:34	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 23:34	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 23:34	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 23:34	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 23:34	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 23:34	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 23:34	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 23:34	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 23:34	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 23:34	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 23:34	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 23:34	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 23:34	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 23:34	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 23:34	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 23:34	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 23:34	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 23:34	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 23:34	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 23:34	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 23:34	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 23:34	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 23:34	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 23:34	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 23:34	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 23:34	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 23:34	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 23:34	1

Client Sample ID: 825-SW-5
Date Collected: 01/27/26 15:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 23:34	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 23:34	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 23:34	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 23:34	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 23:34	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 23:34	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 23:34	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 23:34	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 23:34	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 23:34	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 23:34	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 23:34	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 23:34	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 23:34	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 23:34	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 23:34	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 23:34	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 23:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 23:34	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 23:34	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 23:34	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 23:34	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 23:34	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/31/26 23:34*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*01/31/26 23:34*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/31/26 23:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.308	0.308	ug/L		02/03/26 10:23	02/06/26 21:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*83*		*40 - 150*	*02/03/26 10:23*	*02/06/26 21:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.3	0.432	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,4,5-Trichlorophenol	ND		10.3	0.555	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,4,6-Trichlorophenol	ND		10.3	1.12	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,4-Dichlorophenol	ND		10.3	0.586	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,4-Dimethylphenol	ND		10.3	0.247	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,4-Dinitrophenol	ND		30.8	4.81	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,4-Dinitrotoluene	ND		10.3	0.668	ug/L		02/03/26 10:23	02/06/26 21:18	1
2,6-Dinitrotoluene	ND		10.3	0.298	ug/L		02/03/26 10:23	02/06/26 21:18	1
2-Chloronaphthalene	ND		10.3	0.390	ug/L		02/03/26 10:23	02/06/26 21:18	1
2-Chlorophenol	ND		10.3	0.863	ug/L		02/03/26 10:23	02/06/26 21:18	1
2-Methylnaphthalene	ND		10.3	0.832	ug/L		02/03/26 10:23	02/06/26 21:18	1
2-Methylphenol	ND		10.3	0.781	ug/L		02/03/26 10:23	02/06/26 21:18	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-5
Date Collected: 01/27/26 15:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.3	1.41	ug/L		02/03/26 10:23	02/06/26 21:18	1
2-Nitrophenol	ND		10.3	1.20	ug/L		02/03/26 10:23	02/06/26 21:18	1
3 & 4 Methylphenol	ND		20.5	4.73	ug/L		02/03/26 10:23	02/06/26 21:18	1
3,3'-Dichlorobenzidine	ND		11.3	0.421	ug/L		02/03/26 10:23	02/06/26 21:18	1
3-Nitroaniline	ND		10.3	0.976	ug/L		02/03/26 10:23	02/06/26 21:18	1
4,6-Dinitro-2-methylphenol	ND		10.3	2.02	ug/L		02/03/26 10:23	02/06/26 21:18	1
4-Bromophenyl phenyl ether	ND		10.3	0.134	ug/L		02/03/26 10:23	02/06/26 21:18	1
4-Chloro-3-methylphenol	ND		10.3	0.750	ug/L		02/03/26 10:23	02/06/26 21:18	1
4-Chloroaniline	ND		10.3	0.596	ug/L		02/03/26 10:23	02/06/26 21:18	1
4-Chlorophenyl phenyl ether	ND		10.3	0.247	ug/L		02/03/26 10:23	02/06/26 21:18	1
4-Nitroaniline	ND		10.3	3.60	ug/L		02/03/26 10:23	02/06/26 21:18	1
4-Nitrophenol	ND		10.3	2.82	ug/L		02/03/26 10:23	02/06/26 21:18	1
Acenaphthene	ND		10.3	0.647	ug/L		02/03/26 10:23	02/06/26 21:18	1
Acenaphthylene	ND		10.3	0.781	ug/L		02/03/26 10:23	02/06/26 21:18	1
Acetophenone	ND		10.3	3.29	ug/L		02/03/26 10:23	02/06/26 21:18	1
Anthracene	ND		10.3	0.935	ug/L		02/03/26 10:23	02/06/26 21:18	1
Atrazine	ND		10.3	1.16	ug/L		02/03/26 10:23	02/06/26 21:18	1
Benzaldehyde	ND		10.3	0.688	ug/L		02/03/26 10:23	02/06/26 21:18	1
Benzo[a]anthracene	ND		10.3	1.03	ug/L		02/03/26 10:23	02/06/26 21:18	1
Benzo[a]pyrene	ND		10.3	1.13	ug/L		02/03/26 10:23	02/06/26 21:18	1
Benzo[b]fluoranthene	ND		10.3	1.23	ug/L		02/03/26 10:23	02/06/26 21:18	1
Benzo[g,h,i]perylene	ND		10.3	1.54	ug/L		02/03/26 10:23	02/06/26 21:18	1
Benzo[k]fluoranthene	ND		10.3	1.54	ug/L		02/03/26 10:23	02/06/26 21:18	1
bis (2-chloroisopropyl) ether	ND		10.3	0.955	ug/L		02/03/26 10:23	02/06/26 21:18	1
Bis(2-chloroethoxy)methane	ND		10.3	0.349	ug/L		02/03/26 10:23	02/06/26 21:18	1
Bis(2-chloroethyl)ether	ND		10.3	0.750	ug/L		02/03/26 10:23	02/06/26 21:18	1
Bis(2-ethylhexyl) phthalate	ND		10.3	4.11	ug/L		02/03/26 10:23	02/06/26 21:18	1
Butyl benzyl phthalate	ND		10.3	4.11	ug/L		02/03/26 10:23	02/06/26 21:18	1
Caprolactam	ND		10.3	2.47	ug/L		02/03/26 10:23	02/06/26 21:18	1
Carbazole	ND		10.3	0.329	ug/L		02/03/26 10:23	02/06/26 21:18	1
Chrysene	ND		10.3	1.23	ug/L		02/03/26 10:23	02/06/26 21:18	1
Dibenz(a,h)anthracene	ND		10.3	1.34	ug/L		02/03/26 10:23	02/06/26 21:18	1
Dibenzofuran	ND		10.3	0.658	ug/L		02/03/26 10:23	02/06/26 21:18	1
Diethyl phthalate	ND		10.3	4.11	ug/L		02/03/26 10:23	02/06/26 21:18	1
Dimethyl phthalate	ND		10.3	4.11	ug/L		02/03/26 10:23	02/06/26 21:18	1
Di-n-butyl phthalate	ND		10.3	8.41	ug/L		02/03/26 10:23	02/06/26 21:18	1
Di-n-octyl phthalate	ND		10.3	4.11	ug/L		02/03/26 10:23	02/06/26 21:18	1
Fluoranthene	ND		10.3	0.647	ug/L		02/03/26 10:23	02/06/26 21:18	1
Fluorene	ND		10.3	0.688	ug/L		02/03/26 10:23	02/06/26 21:18	1
Hexachlorobenzene	ND		10.3	0.257	ug/L		02/03/26 10:23	02/06/26 21:18	1
Hexachlorobutadiene	ND		10.3	0.565	ug/L		02/03/26 10:23	02/06/26 21:18	1
Hexachlorocyclopentadiene	ND		20.5	0.329	ug/L		02/03/26 10:23	02/06/26 21:18	1
Hexachloroethane	ND		10.3	0.545	ug/L		02/03/26 10:23	02/06/26 21:18	1
Indeno[1,2,3-cd]pyrene	ND		10.3	1.13	ug/L		02/03/26 10:23	02/06/26 21:18	1
Isophorone	ND		10.3	0.822	ug/L		02/03/26 10:23	02/06/26 21:18	1
Naphthalene	ND		10.3	0.771	ug/L		02/03/26 10:23	02/06/26 21:18	1
Nitrobenzene	ND		10.3	0.616	ug/L		02/03/26 10:23	02/06/26 21:18	1
N-Nitrosodi-n-propylamine	ND		10.3	0.339	ug/L		02/03/26 10:23	02/06/26 21:18	1
N-Nitrosodiphenylamine	ND		10.3	0.195	ug/L		02/03/26 10:23	02/06/26 21:18	1

Client Sample ID: 825-SW-5
Date Collected: 01/27/26 15:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.3	2.88	ug/L		02/03/26 10:23	02/06/26 21:18	1
Phenanthrene	ND		10.3	0.760	ug/L		02/03/26 10:23	02/06/26 21:18	1
Phenol	ND		10.3	0.699	ug/L		02/03/26 10:23	02/06/26 21:18	1
Pyrene	ND		10.3	0.647	ug/L		02/03/26 10:23	02/06/26 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*02/03/26 10:23*	*02/06/26 21:18*	*1*
2-Fluorobiphenyl (Surr)	*64*		*25 - 139*	*02/03/26 10:23*	*02/06/26 21:18*	*1*
2-Fluorophenol (Surr)	*74*		*10 - 150*	*02/03/26 10:23*	*02/06/26 21:18*	*1*
Nitrobenzene-d5 (Surr)	*78*		*22 - 150*	*02/03/26 10:23*	*02/06/26 21:18*	*1*
Phenol-d5 (Surr)	*69*		*10 - 150*	*02/03/26 10:23*	*02/06/26 21:18*	*1*
Terphenyl-d14 (Surr)	*53*		*28 - 150*	*02/03/26 10:23*	*02/06/26 21:18*	*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		01/29/26 14:30	01/31/26 04:35	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:35	1
Barium	**133**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:35	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:35	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:35	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:35	1
Cobalt	**0.552**	**J**	5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:35	1
Copper	**3.77**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:35	1
Lead	**1.16**		1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:35	1
Manganese	**102**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:35	1
Nickel	**2.20**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:35	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 14:11	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:35	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:35	1
Vanadium	**1.36**	**J**	5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:35	1
Zinc	**40.0**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/02/26 17:06	02/03/26 22:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.345**		0.0500	0.0200	mg/L			01/30/26 12:14	1
Nitrite as N (EPA 353.2)	**0.0295**	**J**	0.100	0.0168	mg/L			01/28/26 16:10	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.325**		0.100	0.0100	mg/L			02/04/26 11:38	1
Nitrate as N (SM Nitrate by calc)	**0.296**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**24.5**		5.00	1.40	mg/L			02/04/26 16:43	1

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

Job ID: 752-41378-1

Client Sample ID: 825-SW-6
Date Collected: 01/27/26 15:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.72	J	10.0	4.04	ug/L			01/31/26 23:59	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 23:59	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 23:59	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 23:59	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 23:59	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 23:59	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 23:59	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 23:59	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 23:59	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 23:59	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 23:59	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 23:59	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 23:59	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 23:59	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 23:59	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 23:59	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 23:59	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 23:59	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 23:59	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 23:59	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 23:59	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 23:59	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 23:59	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 23:59	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 23:59	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 23:59	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 23:59	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 23:59	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 23:59	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 23:59	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 23:59	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 23:59	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 23:59	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 23:59	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 23:59	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 23:59	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 23:59	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 23:59	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 23:59	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 23:59	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 23:59	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 23:59	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 23:59	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 23:59	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 23:59	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 23:59	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 23:59	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 23:59	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 23:59	1

Client Sample ID: 825-SW-6
Date Collected: 01/27/26 15:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 23:59	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 23:59	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 23:59	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 23:59	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 23:59	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 23:59	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 23:59	1
Toluene	**0.225**	**J**	1.00	0.197	ug/L			01/31/26 23:59	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 23:59	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 23:59	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 23:59	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 23:59	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 23:59	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 23:59	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 23:59	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 23:59	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 23:59	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 23:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 23:59	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 23:59	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 23:59	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 23:59	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 23:59	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*01/31/26 23:59*	*1*
Dibromofluoromethane	*107*		*77 - 121*		*01/31/26 23:59*	*1*
Toluene-d8 (Surr)	*100*		*79 - 119*		*01/31/26 23:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.305	0.305	ug/L		02/03/26 10:23	02/06/26 21:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*73*		*40 - 150*	*02/03/26 10:23*	*02/06/26 21:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.2	0.427	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,4,5-Trichlorophenol	ND		10.2	0.549	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,4,6-Trichlorophenol	ND		10.2	1.11	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,4-Dichlorophenol	ND		10.2	0.580	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,4-Dimethylphenol	ND		10.2	0.244	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,4-Dinitrophenol	ND		30.5	4.76	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,4-Dinitrotoluene	ND		10.2	0.661	ug/L		02/03/26 10:23	02/06/26 21:48	1
2,6-Dinitrotoluene	ND		10.2	0.295	ug/L		02/03/26 10:23	02/06/26 21:48	1
2-Chloronaphthalene	ND		10.2	0.386	ug/L		02/03/26 10:23	02/06/26 21:48	1
2-Chlorophenol	ND		10.2	0.854	ug/L		02/03/26 10:23	02/06/26 21:48	1
2-Methylnaphthalene	ND		10.2	0.824	ug/L		02/03/26 10:23	02/06/26 21:48	1
2-Methylphenol	ND		10.2	0.773	ug/L		02/03/26 10:23	02/06/26 21:48	1

Client Sample ID: 825-SW-6
Lab Sample ID: 752-41378-7
Date Collected: 01/27/26 15:45
Matrix: Water
Date Received: 01/27/26 16:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10.2	1.39	ug/L		02/03/26 10:23	02/06/26 21:48	1
2-Nitrophenol	ND		10.2	1.19	ug/L		02/03/26 10:23	02/06/26 21:48	1
3 & 4 Methylphenol	ND		20.3	4.68	ug/L		02/03/26 10:23	02/06/26 21:48	1
3,3'-Dichlorobenzidine	ND		11.2	0.417	ug/L		02/03/26 10:23	02/06/26 21:48	1
3-Nitroaniline	ND		10.2	0.966	ug/L		02/03/26 10:23	02/06/26 21:48	1
4,6-Dinitro-2-methylphenol	ND		10.2	2.00	ug/L		02/03/26 10:23	02/06/26 21:48	1
4-Bromophenyl phenyl ether	ND		10.2	0.132	ug/L		02/03/26 10:23	02/06/26 21:48	1
4-Chloro-3-methylphenol	ND		10.2	0.742	ug/L		02/03/26 10:23	02/06/26 21:48	1
4-Chloroaniline	ND		10.2	0.590	ug/L		02/03/26 10:23	02/06/26 21:48	1
4-Chlorophenyl phenyl ether	ND		10.2	0.244	ug/L		02/03/26 10:23	02/06/26 21:48	1
4-Nitroaniline	ND		10.2	3.56	ug/L		02/03/26 10:23	02/06/26 21:48	1
4-Nitrophenol	ND		10.2	2.79	ug/L		02/03/26 10:23	02/06/26 21:48	1
Acenaphthene	ND		10.2	0.641	ug/L		02/03/26 10:23	02/06/26 21:48	1
Acenaphthylene	ND		10.2	0.773	ug/L		02/03/26 10:23	02/06/26 21:48	1
Acetophenone	ND		10.2	3.25	ug/L		02/03/26 10:23	02/06/26 21:48	1
Anthracene	ND		10.2	0.925	ug/L		02/03/26 10:23	02/06/26 21:48	1
Atrazine	ND		10.2	1.15	ug/L		02/03/26 10:23	02/06/26 21:48	1
Benzaldehyde	ND		10.2	0.681	ug/L		02/03/26 10:23	02/06/26 21:48	1
Benzo[a]anthracene	ND		10.2	1.02	ug/L		02/03/26 10:23	02/06/26 21:48	1
Benzo[a]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 21:48	1
Benzo[b]fluoranthene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 21:48	1
Benzo[g,h,i]perylene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 21:48	1
Benzo[k]fluoranthene	ND		10.2	1.53	ug/L		02/03/26 10:23	02/06/26 21:48	1
bis (2-chloroisopropyl) ether	ND		10.2	0.946	ug/L		02/03/26 10:23	02/06/26 21:48	1
Bis(2-chloroethoxy)methane	ND		10.2	0.346	ug/L		02/03/26 10:23	02/06/26 21:48	1
Bis(2-chloroethyl)ether	ND		10.2	0.742	ug/L		02/03/26 10:23	02/06/26 21:48	1
Bis(2-ethylhexyl) phthalate	ND		10.2	4.07	ug/L		02/03/26 10:23	02/06/26 21:48	1
Butyl benzyl phthalate	ND		10.2	4.07	ug/L		02/03/26 10:23	02/06/26 21:48	1
Caprolactam	ND		10.2	2.44	ug/L		02/03/26 10:23	02/06/26 21:48	1
Carbazole	ND		10.2	0.325	ug/L		02/03/26 10:23	02/06/26 21:48	1
Chrysene	ND		10.2	1.22	ug/L		02/03/26 10:23	02/06/26 21:48	1
Dibenz(a,h)anthracene	ND		10.2	1.32	ug/L		02/03/26 10:23	02/06/26 21:48	1
Dibenzofuran	ND		10.2	0.651	ug/L		02/03/26 10:23	02/06/26 21:48	1
Diethyl phthalate	ND		10.2	4.07	ug/L		02/03/26 10:23	02/06/26 21:48	1
Dimethyl phthalate	ND		10.2	4.07	ug/L		02/03/26 10:23	02/06/26 21:48	1
Di-n-butyl phthalate	ND		10.2	8.33	ug/L		02/03/26 10:23	02/06/26 21:48	1
Di-n-octyl phthalate	ND		10.2	4.07	ug/L		02/03/26 10:23	02/06/26 21:48	1
Fluoranthene	ND		10.2	0.641	ug/L		02/03/26 10:23	02/06/26 21:48	1
Fluorene	ND		10.2	0.681	ug/L		02/03/26 10:23	02/06/26 21:48	1
Hexachlorobenzene	ND		10.2	0.254	ug/L		02/03/26 10:23	02/06/26 21:48	1
Hexachlorobutadiene	ND		10.2	0.559	ug/L		02/03/26 10:23	02/06/26 21:48	1
Hexachlorocyclopentadiene	ND		20.3	0.325	ug/L		02/03/26 10:23	02/06/26 21:48	1
Hexachloroethane	ND		10.2	0.539	ug/L		02/03/26 10:23	02/06/26 21:48	1
Indeno[1,2,3-cd]pyrene	ND		10.2	1.12	ug/L		02/03/26 10:23	02/06/26 21:48	1
Isophorone	ND		10.2	0.814	ug/L		02/03/26 10:23	02/06/26 21:48	1
Naphthalene	ND		10.2	0.763	ug/L		02/03/26 10:23	02/06/26 21:48	1
Nitrobenzene	ND		10.2	0.610	ug/L		02/03/26 10:23	02/06/26 21:48	1
N-Nitrosodi-n-propylamine	ND		10.2	0.336	ug/L		02/03/26 10:23	02/06/26 21:48	1
N-Nitrosodiphenylamine	ND		10.2	0.193	ug/L		02/03/26 10:23	02/06/26 21:48	1

Client Sample ID: 825-SW-6
Date Collected: 01/27/26 15:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10.2	2.85	ug/L		02/03/26 10:23	02/06/26 21:48	1
Phenanthrene	ND		10.2	0.753	ug/L		02/03/26 10:23	02/06/26 21:48	1
Phenol	ND		10.2	0.692	ug/L		02/03/26 10:23	02/06/26 21:48	1
Pyrene	ND		10.2	0.641	ug/L		02/03/26 10:23	02/06/26 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 150*	*02/03/26 10:23*	*02/06/26 21:48*	*1*
2-Fluorobiphenyl (Surr)	*63*		*25 - 139*	*02/03/26 10:23*	*02/06/26 21:48*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 150*	*02/03/26 10:23*	*02/06/26 21:48*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 150*	*02/03/26 10:23*	*02/06/26 21:48*	*1*
Phenol-d5 (Surr)	*58*		*10 - 150*	*02/03/26 10:23*	*02/06/26 21:48*	*1*
Terphenyl-d14 (Surr)	*57*		*28 - 150*	*02/03/26 10:23*	*02/06/26 21:48*	*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		01/29/26 14:30	01/31/26 04:37	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 14:30	01/31/26 04:37	1
Barium	**142**		10.0	0.410	ug/L		01/29/26 14:30	01/31/26 04:37	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 14:30	01/31/26 04:37	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 14:30	01/31/26 04:37	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 14:30	01/31/26 04:37	1
Cobalt	ND		5.00	0.411	ug/L		01/29/26 14:30	01/31/26 04:37	1
Copper	**3.66**	**B**	2.00	0.642	ug/L		01/29/26 14:30	01/31/26 04:37	1
Lead	**0.940**	**J**	1.00	0.864	ug/L		01/29/26 14:30	01/31/26 04:37	1
Manganese	**95.0**		5.00	1.29	ug/L		01/29/26 14:30	01/31/26 04:37	1
Nickel	**2.56**	**J B**	5.00	0.422	ug/L		01/29/26 14:30	01/31/26 04:37	1
Selenium	ND		5.00	2.29	ug/L		01/29/26 14:30	02/01/26 14:14	1
Silver	ND		1.00	0.167	ug/L		01/29/26 14:30	01/31/26 04:37	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 14:30	01/31/26 04:37	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 14:30	01/31/26 04:37	1
Zinc	**43.0**		10.0	8.91	ug/L		01/29/26 14:30	01/31/26 04:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/02/26 17:06	02/03/26 22:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.462**		0.0500	0.0200	mg/L			01/30/26 12:16	1
Nitrite as N (EPA 353.2)	**0.0260**	**J**	0.100	0.0168	mg/L			01/28/26 16:11	1
Nitrate Nitrite as N (MCAWW 353.2-1993 R2.0)	**0.328**		0.100	0.0100	mg/L			02/04/26 11:42	1
Nitrate as N (SM Nitrate by calc)	**0.302**		0.100	0.0100	mg/L			02/04/26 16:36	1
Sulfate (SM 4500 SO4 E)	**29.0**		5.00	1.40	mg/L			02/04/26 16:44	1

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

Job ID: 752-41378-1

Client Sample ID: Trip Blank
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.14	J	10.0	4.04	ug/L			02/02/26 17:46	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 17:19	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 17:19	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 17:19	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 17:19	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 17:19	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 17:19	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 17:19	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 17:19	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 17:19	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 17:19	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 17:19	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 17:19	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 17:19	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 17:19	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 17:19	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 17:19	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 17:19	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 17:19	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 17:19	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 17:19	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 17:19	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 17:19	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 17:19	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 17:19	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 17:19	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 17:19	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 17:19	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 17:19	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 17:19	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 17:19	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 17:19	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 17:19	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 17:19	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 17:19	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 17:19	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 17:19	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 17:19	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 17:19	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 17:19	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 17:19	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 17:19	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 17:19	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 17:19	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 17:19	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 17:19	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 17:19	1
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 17:19	1

Client Sample ID: Trip Blank
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41378-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 17:19	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 17:19	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 17:19	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 17:19	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 17:19	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 17:19	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 17:19	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 17:19	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 17:19	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 17:19	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 17:19	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 17:19	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 17:19	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 17:19	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 17:19	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 17:19	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 17:19	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 17:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 17:19	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 17:19	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 17:19	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 17:19	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 17:19	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 126*		*01/31/26 17:19*	*1*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/02/26 17:46*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*01/31/26 17:19*	*1*
Dibromofluoromethane	*105*		*77 - 121*		*02/02/26 17:46*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*01/31/26 17:19*	*1*
Toluene-d8 (Surr)	*97*		*79 - 119*		*02/02/26 17:46*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-126)	(77-121)	(79-119)
752-41378-1	825-SW-1	93	107	99
752-41378-2	825-SW-2	94	107	100
752-41378-3	825-SW-3	90	107	99
752-41378-4	825-SW-4	94	107	100
752-41378-5	825-SW-Dup	95	106	98
752-41378-6	825-SW-5	95	105	100
752-41378-7	825-SW-6	93	107	100
752-41378-8	Trip Blank	95	104	97
752-41378-8	Trip Blank	91	105	97
LCS 705-111244/1001	Lab Control Sample	91	95	93
LCS 705-111244/1002	Lab Control Sample	108	93	97
LCS 705-111421/1001	Lab Control Sample	90	95	94
LCS 705-111421/1002	Lab Control Sample	105	93	95
MB 705-111244/7	Method Blank	93	103	98
MB 705-111421/8	Method Blank	91	104	98

Surrogate Legend

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-150)	(25-139)	(10-150)	(22-150)	(10-150)	(28-150)
752-41378-1	825-SW-1	73	64	64	76	56	50
752-41378-2	825-SW-2	75	65	62	77	53	51
752-41378-3	825-SW-3	73	65	67	79	59	53
752-41378-4	825-SW-4	65	61	73	72	71	46
752-41378-5	825-SW-Dup	67	64	73	75	69	50
752-41378-6	825-SW-5	68	64	74	78	69	53
752-41378-7	825-SW-6	68	63	65	73	58	57
LCS 400-738156/2-A	Lab Control Sample	71	61	71	76	74	54
MB 400-738156/1-A	Method Blank	75	66	62	77	54	68

Surrogate Legend

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

Isotope Dilution Summary

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID	(40-150)							
752-41378-1	825-SW-1	81							
752-41378-2	825-SW-2	80							
752-41378-3	825-SW-3	81							
752-41378-4	825-SW-4	87							
752-41378-5	825-SW-Dup	84							
752-41378-6	825-SW-5	83							
752-41378-7	825-SW-6	73							
MB 400-738156/1-A	Method Blank	84							

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

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

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		DXE							
Lab Sample ID	Client Sample ID	(30-150)							
LCS 400-738156/2-A	Lab Control Sample	77							

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 705-111244/7
Matrix: Water
Analysis Batch: 111244

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			01/31/26 16:54	1
Benzene	ND		1.00	0.200	ug/L			01/31/26 16:54	1
Bromobenzene	ND		1.00	0.222	ug/L			01/31/26 16:54	1
Bromoform	ND		1.00	0.458	ug/L			01/31/26 16:54	1
Bromomethane	ND		1.00	0.470	ug/L			01/31/26 16:54	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			01/31/26 16:54	1
Carbon disulfide	ND		2.00	0.526	ug/L			01/31/26 16:54	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			01/31/26 16:54	1
Chlorobenzene	ND		1.00	0.202	ug/L			01/31/26 16:54	1
Chlorobromomethane	ND		1.00	0.328	ug/L			01/31/26 16:54	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			01/31/26 16:54	1
Chloroethane	ND		1.00	0.374	ug/L			01/31/26 16:54	1
Chloroform	ND		1.00	0.216	ug/L			01/31/26 16:54	1
Chloromethane	ND		1.00	0.371	ug/L			01/31/26 16:54	1
2-Chlorotoluene	ND		1.00	0.228	ug/L			01/31/26 16:54	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			01/31/26 16:54	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			01/31/26 16:54	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			01/31/26 16:54	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			01/31/26 16:54	1
Dibromomethane	ND		1.00	0.318	ug/L			01/31/26 16:54	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 16:54	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			01/31/26 16:54	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			01/31/26 16:54	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			01/31/26 16:54	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			01/31/26 16:54	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			01/31/26 16:54	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			01/31/26 16:54	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			01/31/26 16:54	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			01/31/26 16:54	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			01/31/26 16:54	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			01/31/26 16:54	1
Ethyl acetate	ND		10.0	5.93	ug/L			01/31/26 16:54	1
Ethylbenzene	ND		1.00	0.280	ug/L			01/31/26 16:54	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			01/31/26 16:54	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			01/31/26 16:54	1
Hexane	ND		10.0	3.63	ug/L			01/31/26 16:54	1
2-Hexanone	ND		10.0	3.47	ug/L			01/31/26 16:54	1
Iodomethane	ND		2.00	0.403	ug/L			01/31/26 16:54	1
Isopropylbenzene	ND		1.00	0.269	ug/L			01/31/26 16:54	1
Isopropyl ether	ND		5.00	2.84	ug/L			01/31/26 16:54	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			01/31/26 16:54	1
Methylene Chloride	ND		5.00	2.36	ug/L			01/31/26 16:54	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			01/31/26 16:54	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			01/31/26 16:54	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			01/31/26 16:54	1
Naphthalene	ND		2.00	1.56	ug/L			01/31/26 16:54	1
n-Butylbenzene	ND		1.00	0.690	ug/L			01/31/26 16:54	1
n-Heptane	ND		10.0	3.05	ug/L			01/31/26 16:54	1

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

Lab Sample ID: MB 705-111244/7
Matrix: Water
Analysis Batch: 111244

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.00	0.239	ug/L			01/31/26 16:54	1
o-Xylene	ND		1.00	0.270	ug/L			01/31/26 16:54	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			01/31/26 16:54	1
Styrene	ND		1.00	0.194	ug/L			01/31/26 16:54	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			01/31/26 16:54	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			01/31/26 16:54	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			01/31/26 16:54	1
Tetrachloroethene	ND		1.00	0.193	ug/L			01/31/26 16:54	1
Toluene	ND		1.00	0.197	ug/L			01/31/26 16:54	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			01/31/26 16:54	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			01/31/26 16:54	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			01/31/26 16:54	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			01/31/26 16:54	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			01/31/26 16:54	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			01/31/26 16:54	1
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			01/31/26 16:54	1
Trichloroethene	ND		1.00	0.211	ug/L			01/31/26 16:54	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			01/31/26 16:54	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			01/31/26 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			01/31/26 16:54	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			01/31/26 16:54	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			01/31/26 16:54	1
Vinyl acetate	ND		10.0	2.64	ug/L			01/31/26 16:54	1
Vinyl chloride	ND		1.00	0.304	ug/L			01/31/26 16:54	1
Xylenes, Total	ND		1.00	0.270	ug/L			01/31/26 16:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 126*		*01/31/26 16:54*	*1*
Dibromofluoromethane	*103*		*77 - 121*		*01/31/26 16:54*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*01/31/26 16:54*	*1*

Lab Sample ID: LCS 705-111244/1001
Matrix: Water
Analysis Batch: 111244

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl acetate			40.0	36.77		ug/L		92	25 - 150		
Isopropyl ether			20.0	18.94		ug/L		95	78 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*91*		*70 - 126*
Dibromofluoromethane	*95*		*77 - 121*
Toluene-d8 (Surr)	*93*		*79 - 119*

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

Lab Sample ID: LCS 705-111244/1002
Matrix: Water
Analysis Batch: 111244

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	38.33		ug/L		96	62 - 136
Benzene	20.0	20.30		ug/L		101	76 - 122
Bromobenzene	20.0	19.32		ug/L		97	77 - 125
Bromoform	20.0	21.21		ug/L		106	65 - 129
Bromomethane	20.0	12.41		ug/L		62	60 - 138
2-Butanone (MEK)	40.0	38.14		ug/L		95	74 - 131
Carbon disulfide	20.0	19.11		ug/L		96	71 - 122
Carbon tetrachloride	20.0	21.40		ug/L		107	72 - 131
Chlorobenzene	20.0	20.94		ug/L		105	75 - 121
Chlorobromomethane	20.0	19.42		ug/L		97	77 - 120
Chlorodibromomethane	20.0	21.65		ug/L		108	70 - 131
Chloroethane	20.0	25.37		ug/L		127	55 - 138
Chloroform	20.0	19.56		ug/L		98	73 - 121
Chloromethane	20.0	22.66		ug/L		113	57 - 129
2-Chlorotoluene	20.0	20.20		ug/L		101	75 - 123
4-Chlorotoluene	20.0	20.93		ug/L		105	76 - 124
cis-1,2-Dichloroethene	20.0	18.22		ug/L		91	76 - 121
cis-1,3-Dichloropropene	20.0	18.58		ug/L		93	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	17.55		ug/L		88	64 - 125
Dibromomethane	20.0	18.06		ug/L		90	70 - 130
1,2-Dichlorobenzene	20.0	19.99		ug/L		100	69 - 127
1,3-Dichlorobenzene	20.0	20.02		ug/L		100	68 - 128
1,4-Dichlorobenzene	20.0	19.53		ug/L		98	68 - 126
Dichlorobromomethane	20.0	20.08		ug/L		100	70 - 124
1,1-Dichloroethane	20.0	19.16		ug/L		96	65 - 126
1,2-Dichloroethane	20.0	18.76		ug/L		94	72 - 127
1,1-Dichloroethene	20.0	17.15		ug/L		86	69 - 130
1,2-Dichloropropane	20.0	20.42		ug/L		102	71 - 121
1,3-Dichloropropane	20.0	20.34		ug/L		102	76 - 125
2,2-Dichloropropane	20.0	16.19		ug/L		81	71 - 131
1,1-Dichloropropene	20.0	21.74		ug/L		109	74 - 129
Ethylbenzene	20.0	20.56		ug/L		103	75 - 127
Ethylene Dibromide	20.0	21.29		ug/L		106	68 - 133
Hexachlorobutadiene	20.0	19.90		ug/L		99	65 - 137
Hexane	20.0	18.58		ug/L		93	25 - 150
2-Hexanone	40.0	40.29		ug/L		101	70 - 130
Iodomethane	20.0	15.45		ug/L		77	50 - 150
Isopropylbenzene	20.0	22.66		ug/L		113	76 - 125
4-Isopropyltoluene	20.0	21.11		ug/L		106	78 - 126
Methylene Chloride	20.0	17.81		ug/L		89	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	39.60		ug/L		99	76 - 122
Methyl tert-butyl ether	20.0	20.59		ug/L		103	76 - 123
m-Xylene & p-Xylene	20.0	20.23		ug/L		101	76 - 128
Naphthalene	20.0	16.32		ug/L		82	67 - 129
n-Butylbenzene	20.0	19.50		ug/L		98	71 - 131
n-Heptane	20.0	17.70		ug/L		88	25 - 150
N-Propylbenzene	20.0	20.50		ug/L		102	75 - 127
o-Xylene	20.0	19.96		ug/L		100	78 - 124

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

Lab Sample ID: LCS 705-111244/1002
Matrix: Water
Analysis Batch: 111244

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
sec-Butylbenzene	20.0	21.49		ug/L		107	74 - 127
Styrene	20.0	22.38		ug/L		112	71 - 129
tert-Butylbenzene	20.0	20.32		ug/L		102	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.53		ug/L		113	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.84		ug/L		99	73 - 127
Tetrachloroethene	20.0	22.46		ug/L		112	74 - 129
Toluene	20.0	19.55		ug/L		98	74 - 124
trans-1,4-Dichloro-2-butene	20.0	15.97		ug/L		80	50 - 150
trans-1,2-Dichloroethene	20.0	18.82		ug/L		94	74 - 124
trans-1,3-Dichloropropene	20.0	18.13		ug/L		91	59 - 135
1,2,3-Trichlorobenzene	20.0	18.46		ug/L		92	65 - 130
1,2,4-Trichlorobenzene	20.0	17.40		ug/L		87	65 - 131
1,1,1-Trichloroethane	20.0	21.01		ug/L		105	71 - 124
1,1,2-Trichloroethane	20.0	20.37		ug/L		102	69 - 127
Trichloroethene	20.0	20.93		ug/L		105	72 - 129
Trichlorofluoromethane	20.0	21.37		ug/L		107	63 - 142
1,2,3-Trichloropropane	20.0	19.92		ug/L		100	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.60		ug/L		103	74 - 122
1,2,4-Trimethylbenzene	20.0	21.34		ug/L		107	80 - 123
1,3,5-Trimethylbenzene	20.0	21.00		ug/L		105	79 - 124
Vinyl acetate	40.0	32.29		ug/L		81	50 - 150
Vinyl chloride	20.0	20.11		ug/L		101	65 - 132
Xylenes, Total	40.0	40.19		ug/L		100	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 126*
Dibromofluoromethane	*93*		*77 - 121*
Toluene-d8 (Surr)	*97*		*79 - 119*

Lab Sample ID: MB 705-111421/8
Matrix: Water
Analysis Batch: 111421

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10.0	4.04	ug/L			02/02/26 13:11	1
Benzene	ND		1.00	0.200	ug/L			02/02/26 13:11	1
Bromobenzene	ND		1.00	0.222	ug/L			02/02/26 13:11	1
Bromoform	ND		1.00	0.458	ug/L			02/02/26 13:11	1
Bromomethane	ND		1.00	0.470	ug/L			02/02/26 13:11	1
2-Butanone (MEK)	ND		10.0	2.81	ug/L			02/02/26 13:11	1
Carbon disulfide	ND		2.00	0.526	ug/L			02/02/26 13:11	1
Carbon tetrachloride	ND		1.00	0.221	ug/L			02/02/26 13:11	1
Chlorobenzene	ND		1.00	0.202	ug/L			02/02/26 13:11	1
Chlorobromomethane	ND		1.00	0.328	ug/L			02/02/26 13:11	1
Chlorodibromomethane	ND		1.00	0.442	ug/L			02/02/26 13:11	1
Chloroethane	ND		1.00	0.374	ug/L			02/02/26 13:11	1
Chloroform	ND		1.00	0.216	ug/L			02/02/26 13:11	1
Chloromethane	ND		1.00	0.371	ug/L			02/02/26 13:11	1

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

Lab Sample ID: MB 705-111421/8
Matrix: Water
Analysis Batch: 111421

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.00	0.228	ug/L			02/02/26 13:11	1
4-Chlorotoluene	ND		1.00	0.212	ug/L			02/02/26 13:11	1
cis-1,2-Dichloroethene	ND		1.00	0.227	ug/L			02/02/26 13:11	1
cis-1,3-Dichloropropene	ND		1.00	0.226	ug/L			02/02/26 13:11	1
1,2-Dibromo-3-Chloropropane	ND		1.00	0.450	ug/L			02/02/26 13:11	1
Dibromomethane	ND		1.00	0.318	ug/L			02/02/26 13:11	1
1,2-Dichlorobenzene	ND		1.00	0.320	ug/L			02/02/26 13:11	1
1,3-Dichlorobenzene	ND		1.00	0.340	ug/L			02/02/26 13:11	1
1,4-Dichlorobenzene	ND		1.00	0.320	ug/L			02/02/26 13:11	1
Dichlorobromomethane	ND		1.00	0.222	ug/L			02/02/26 13:11	1
1,1-Dichloroethane	ND		1.00	0.214	ug/L			02/02/26 13:11	1
1,2-Dichloroethane	ND		1.00	0.212	ug/L			02/02/26 13:11	1
1,1-Dichloroethene	ND		1.00	0.279	ug/L			02/02/26 13:11	1
1,2-Dichloropropane	ND		1.00	0.207	ug/L			02/02/26 13:11	1
1,3-Dichloropropane	ND		1.00	0.206	ug/L			02/02/26 13:11	1
2,2-Dichloropropane	ND		1.00	0.286	ug/L			02/02/26 13:11	1
1,1-Dichloropropene	ND		1.00	0.267	ug/L			02/02/26 13:11	1
Ethyl acetate	ND		10.0	5.93	ug/L			02/02/26 13:11	1
Ethylbenzene	ND		1.00	0.280	ug/L			02/02/26 13:11	1
Ethylene Dibromide	ND		1.00	0.199	ug/L			02/02/26 13:11	1
Hexachlorobutadiene	ND		1.00	0.850	ug/L			02/02/26 13:11	1
Hexane	ND		10.0	3.63	ug/L			02/02/26 13:11	1
2-Hexanone	ND		10.0	3.47	ug/L			02/02/26 13:11	1
Iodomethane	ND		2.00	0.403	ug/L			02/02/26 13:11	1
Isopropylbenzene	ND		1.00	0.269	ug/L			02/02/26 13:11	1
Isopropyl ether	ND		5.00	2.84	ug/L			02/02/26 13:11	1
4-Isopropyltoluene	ND		1.00	0.430	ug/L			02/02/26 13:11	1
Methylene Chloride	ND		5.00	2.36	ug/L			02/02/26 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		10.0	3.24	ug/L			02/02/26 13:11	1
Methyl tert-butyl ether	ND		1.00	0.175	ug/L			02/02/26 13:11	1
m-Xylene & p-Xylene	ND		2.00	0.372	ug/L			02/02/26 13:11	1
Naphthalene	ND		2.00	1.56	ug/L			02/02/26 13:11	1
n-Butylbenzene	ND		1.00	0.690	ug/L			02/02/26 13:11	1
n-Heptane	ND		10.0	3.05	ug/L			02/02/26 13:11	1
N-Propylbenzene	ND		1.00	0.239	ug/L			02/02/26 13:11	1
o-Xylene	ND		1.00	0.270	ug/L			02/02/26 13:11	1
sec-Butylbenzene	ND		1.00	0.480	ug/L			02/02/26 13:11	1
Styrene	ND		1.00	0.194	ug/L			02/02/26 13:11	1
tert-Butylbenzene	ND		1.00	0.393	ug/L			02/02/26 13:11	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.237	ug/L			02/02/26 13:11	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.231	ug/L			02/02/26 13:11	1
Tetrachloroethene	ND		1.00	0.193	ug/L			02/02/26 13:11	1
Toluene	ND		1.00	0.197	ug/L			02/02/26 13:11	1
trans-1,4-Dichloro-2-butene	ND		10.0	3.81	ug/L			02/02/26 13:11	1
trans-1,2-Dichloroethene	ND		1.00	0.266	ug/L			02/02/26 13:11	1
trans-1,3-Dichloropropene	ND		2.00	0.433	ug/L			02/02/26 13:11	1
1,2,3-Trichlorobenzene	ND		1.00	0.550	ug/L			02/02/26 13:11	1
1,2,4-Trichlorobenzene	ND		1.00	0.700	ug/L			02/02/26 13:11	1
1,1,1-Trichloroethane	ND		1.00	0.227	ug/L			02/02/26 13:11	1

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

Lab Sample ID: MB 705-111421/8
Matrix: Water
Analysis Batch: 111421

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.00	0.209	ug/L			02/02/26 13:11	1
Trichloroethene	ND		1.00	0.211	ug/L			02/02/26 13:11	1
Trichlorofluoromethane	ND		1.00	0.399	ug/L			02/02/26 13:11	1
1,2,3-Trichloropropane	ND		1.00	0.373	ug/L			02/02/26 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.00	0.270	ug/L			02/02/26 13:11	1
1,2,4-Trimethylbenzene	ND		1.00	0.237	ug/L			02/02/26 13:11	1
1,3,5-Trimethylbenzene	ND		1.00	0.280	ug/L			02/02/26 13:11	1
Vinyl acetate	ND		10.0	2.64	ug/L			02/02/26 13:11	1
Vinyl chloride	ND		1.00	0.304	ug/L			02/02/26 13:11	1
Xylenes, Total	ND		1.00	0.270	ug/L			02/02/26 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 126*		*02/02/26 13:11*	*1*
Dibromofluoromethane	*104*		*77 - 121*		*02/02/26 13:11*	*1*
Toluene-d8 (Surr)	*98*		*79 - 119*		*02/02/26 13:11*	*1*

Lab Sample ID: LCS 705-111421/1001
Matrix: Water
Analysis Batch: 111421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	40.0	33.17		ug/L		83	25 - 150
Isopropyl ether	20.0	15.88		ug/L		79	78 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*90*		*70 - 126*
Dibromofluoromethane	*95*		*77 - 121*
Toluene-d8 (Surr)	*94*		*79 - 119*

Lab Sample ID: LCS 705-111421/1002
Matrix: Water
Analysis Batch: 111421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	36.71		ug/L		92	62 - 136
Benzene	20.0	19.71		ug/L		99	76 - 122
Bromobenzene	20.0	18.30		ug/L		92	77 - 125
Bromoform	20.0	21.33		ug/L		107	65 - 129
Bromomethane	20.0	16.01		ug/L		80	60 - 138
2-Butanone (MEK)	40.0	36.87		ug/L		92	74 - 131
Carbon disulfide	20.0	19.46		ug/L		97	71 - 122
Carbon tetrachloride	20.0	21.41		ug/L		107	72 - 131
Chlorobenzene	20.0	20.72		ug/L		104	75 - 121
Chlorobromomethane	20.0	19.04		ug/L		95	77 - 120
Chlorodibromomethane	20.0	21.15		ug/L		106	70 - 131
Chloroethane	20.0	24.16		ug/L		121	55 - 138
Chloroform	20.0	18.84		ug/L		94	73 - 121
Chloromethane	20.0	23.00		ug/L		115	57 - 129

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

Lab Sample ID: LCS 705-111421/1002
Matrix: Water
Analysis Batch: 111421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	20.0	19.22		ug/L		96	75 - 123
4-Chlorotoluene	20.0	20.00		ug/L		100	76 - 124
cis-1,2-Dichloroethene	20.0	17.82		ug/L		89	76 - 121
cis-1,3-Dichloropropene	20.0	18.65		ug/L		93	70 - 129
1,2-Dibromo-3-Chloropropane	20.0	16.78		ug/L		84	64 - 125
Dibromomethane	20.0	17.60		ug/L		88	70 - 130
1,2-Dichlorobenzene	20.0	19.46		ug/L		97	69 - 127
1,3-Dichlorobenzene	20.0	19.79		ug/L		99	68 - 128
1,4-Dichlorobenzene	20.0	18.86		ug/L		94	68 - 126
Dichlorobromomethane	20.0	19.58		ug/L		98	70 - 124
1,1-Dichloroethane	20.0	18.84		ug/L		94	65 - 126
1,2-Dichloroethane	20.0	18.11		ug/L		91	72 - 127
1,1-Dichloroethene	20.0	17.07		ug/L		85	69 - 130
1,2-Dichloropropane	20.0	19.38		ug/L		97	71 - 121
1,3-Dichloropropane	20.0	19.96		ug/L		100	76 - 125
2,2-Dichloropropane	20.0	21.45		ug/L		107	71 - 131
1,1-Dichloropropene	20.0	21.28		ug/L		106	74 - 129
Ethylbenzene	20.0	20.12		ug/L		101	75 - 127
Ethylene Dibromide	20.0	20.98		ug/L		105	68 - 133
Hexachlorobutadiene	20.0	19.25		ug/L		96	65 - 137
Hexane	20.0	22.18		ug/L		111	25 - 150
2-Hexanone	40.0	38.31		ug/L		96	70 - 130
Iodomethane	20.0	14.83		ug/L		74	50 - 150
Isopropylbenzene	20.0	21.29		ug/L		106	76 - 125
4-Isopropyltoluene	20.0	20.54		ug/L		103	78 - 126
Methylene Chloride	20.0	17.71		ug/L		89	68 - 131
4-Methyl-2-pentanone (MIBK)	40.0	37.83		ug/L		95	76 - 122
Methyl tert-butyl ether	20.0	20.41		ug/L		102	76 - 123
m-Xylene & p-Xylene	20.0	19.87		ug/L		99	76 - 128
Naphthalene	20.0	15.06		ug/L		75	67 - 129
n-Butylbenzene	20.0	19.35		ug/L		97	71 - 131
n-Heptane	20.0	23.82		ug/L		119	25 - 150
N-Propylbenzene	20.0	19.79		ug/L		99	75 - 127
o-Xylene	20.0	19.64		ug/L		98	78 - 124
sec-Butylbenzene	20.0	20.29		ug/L		101	74 - 127
Styrene	20.0	21.91		ug/L		110	71 - 129
tert-Butylbenzene	20.0	19.33		ug/L		97	72 - 127
1,1,1,2-Tetrachloroethane	20.0	22.07		ug/L		110	76 - 130
1,1,2,2-Tetrachloroethane	20.0	19.57		ug/L		98	73 - 127
Tetrachloroethene	20.0	22.78		ug/L		114	74 - 129
Toluene	20.0	19.11		ug/L		96	74 - 124
trans-1,4-Dichloro-2-butene	20.0	19.16		ug/L		96	50 - 150
trans-1,2-Dichloroethene	20.0	19.21		ug/L		96	74 - 124
trans-1,3-Dichloropropene	20.0	18.27		ug/L		91	59 - 135
1,2,3-Trichlorobenzene	20.0	17.35		ug/L		87	65 - 130
1,2,4-Trichlorobenzene	20.0	16.66		ug/L		83	65 - 131
1,1,1-Trichloroethane	20.0	20.74		ug/L		104	71 - 124
1,1,2-Trichloroethane	20.0	19.42		ug/L		97	69 - 127
Trichloroethene	20.0	20.04		ug/L		100	72 - 129

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

Lab Sample ID: LCS 705-111421/1002
Matrix: Water
Analysis Batch: 111421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	21.86		ug/L		109	63 - 142
1,2,3-Trichloropropane	20.0	19.17		ug/L		96	70 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.30		ug/L		107	74 - 122
1,2,4-Trimethylbenzene	20.0	20.30		ug/L		102	80 - 123
1,3,5-Trimethylbenzene	20.0	20.19		ug/L		101	79 - 124
Vinyl acetate	40.0	39.39		ug/L		98	50 - 150
Vinyl chloride	20.0	20.13		ug/L		101	65 - 132
Xylenes, Total	40.0	39.51		ug/L		99	75 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 126*
Dibromofluoromethane	*93*		*77 - 121*
Toluene-d8 (Surr)	*95*		*79 - 119*

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

Lab Sample ID: MB 400-738156/1-A
Matrix: Water
Analysis Batch: 738555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.300	0.300	ug/L		02/03/26 10:23	02/06/26 16:21	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*84*		*40 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*

Lab Sample ID: LCS 400-738156/2-A
Matrix: Water
Analysis Batch: 738555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	33.3	32.50		ug/L		98	30 - 150

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*77*		*30 - 150*

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

Lab Sample ID: MB 400-738156/1-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		10.0	0.420	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4,5-Trichlorophenol	ND		10.0	0.540	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4,6-Trichlorophenol	ND		10.0	1.09	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dichlorophenol	ND		10.0	0.570	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dimethylphenol	ND		10.0	0.240	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,4-Dinitrophenol	ND		30.0	4.68	ug/L		02/03/26 10:23	02/06/26 16:21	1

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

Lab Sample ID: MB 400-738156/1-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		10.0	0.650	ug/L		02/03/26 10:23	02/06/26 16:21	1
2,6-Dinitrotoluene	ND		10.0	0.290	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Chloronaphthalene	ND		10.0	0.380	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Chlorophenol	ND		10.0	0.840	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Methylnaphthalene	ND		10.0	0.810	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Methylphenol	ND		10.0	0.760	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Nitroaniline	ND		10.0	1.37	ug/L		02/03/26 10:23	02/06/26 16:21	1
2-Nitrophenol	ND		10.0	1.17	ug/L		02/03/26 10:23	02/06/26 16:21	1
3 & 4 Methylphenol	ND		20.0	4.60	ug/L		02/03/26 10:23	02/06/26 16:21	1
3,3'-Dichlorobenzidine	ND		11.0	0.410	ug/L		02/03/26 10:23	02/06/26 16:21	1
3-Nitroaniline	ND		10.0	0.950	ug/L		02/03/26 10:23	02/06/26 16:21	1
4,6-Dinitro-2-methylphenol	ND		10.0	1.97	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Bromophenyl phenyl ether	ND		10.0	0.130	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Chloro-3-methylphenol	ND		10.0	0.730	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Chloroaniline	ND		10.0	0.580	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Chlorophenyl phenyl ether	ND		10.0	0.240	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Nitroaniline	ND		10.0	3.50	ug/L		02/03/26 10:23	02/06/26 16:21	1
4-Nitrophenol	ND		10.0	2.74	ug/L		02/03/26 10:23	02/06/26 16:21	1
Acenaphthene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/06/26 16:21	1
Acenaphthylene	ND		10.0	0.760	ug/L		02/03/26 10:23	02/06/26 16:21	1
Acetophenone	ND		10.0	3.20	ug/L		02/03/26 10:23	02/06/26 16:21	1
Anthracene	ND		10.0	0.910	ug/L		02/03/26 10:23	02/06/26 16:21	1
Atrazine	ND		10.0	1.13	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzaldehyde	ND		10.0	0.670	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[a]anthracene	ND		10.0	1.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[a]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[b]fluoranthene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[g,h,i]perylene	ND		10.0	1.50	ug/L		02/03/26 10:23	02/06/26 16:21	1
Benzo[k]fluoranthene	ND		10.0	1.50	ug/L		02/03/26 10:23	02/06/26 16:21	1
bis (2-chloroisopropyl) ether	ND		10.0	0.930	ug/L		02/03/26 10:23	02/06/26 16:21	1
Bis(2-chloroethoxy)methane	ND		10.0	0.340	ug/L		02/03/26 10:23	02/06/26 16:21	1
Bis(2-chloroethyl)ether	ND		10.0	0.730	ug/L		02/03/26 10:23	02/06/26 16:21	1
Bis(2-ethylhexyl) phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Butyl benzyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Caprolactam	ND		10.0	2.40	ug/L		02/03/26 10:23	02/06/26 16:21	1
Carbazole	ND		10.0	0.320	ug/L		02/03/26 10:23	02/06/26 16:21	1
Chrysene	ND		10.0	1.20	ug/L		02/03/26 10:23	02/06/26 16:21	1
Dibenz(a,h)anthracene	ND		10.0	1.30	ug/L		02/03/26 10:23	02/06/26 16:21	1
Dibenzofuran	ND		10.0	0.640	ug/L		02/03/26 10:23	02/06/26 16:21	1
Diethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Dimethyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Di-n-butyl phthalate	ND		10.0	8.19	ug/L		02/03/26 10:23	02/06/26 16:21	1
Di-n-octyl phthalate	ND		10.0	4.00	ug/L		02/03/26 10:23	02/06/26 16:21	1
Fluoranthene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/06/26 16:21	1
Fluorene	ND		10.0	0.670	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachlorobenzene	ND		10.0	0.250	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachlorobutadiene	ND		10.0	0.550	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachlorocyclopentadiene	ND		20.0	0.320	ug/L		02/03/26 10:23	02/06/26 16:21	1
Hexachloroethane	ND		10.0	0.530	ug/L		02/03/26 10:23	02/06/26 16:21	1

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

Lab Sample ID: MB 400-738156/1-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		10.0	1.10	ug/L		02/03/26 10:23	02/06/26 16:21	1
Isophorone	ND		10.0	0.800	ug/L		02/03/26 10:23	02/06/26 16:21	1
Naphthalene	ND		10.0	0.750	ug/L		02/03/26 10:23	02/06/26 16:21	1
Nitrobenzene	ND		10.0	0.600	ug/L		02/03/26 10:23	02/06/26 16:21	1
N-Nitrosodi-n-propylamine	ND		10.0	0.330	ug/L		02/03/26 10:23	02/06/26 16:21	1
N-Nitrosodiphenylamine	ND		10.0	0.190	ug/L		02/03/26 10:23	02/06/26 16:21	1
Pentachlorophenol	ND		10.0	2.80	ug/L		02/03/26 10:23	02/06/26 16:21	1
Phenanthrene	ND		10.0	0.740	ug/L		02/03/26 10:23	02/06/26 16:21	1
Phenol	ND		10.0	0.680	ug/L		02/03/26 10:23	02/06/26 16:21	1
Pyrene	ND		10.0	0.630	ug/L		02/03/26 10:23	02/06/26 16:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
2-Fluorobiphenyl (Surr)	*66*		*25 - 139*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
2-Fluorophenol (Surr)	*62*		*10 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
Nitrobenzene-d5 (Surr)	*77*		*22 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
Phenol-d5 (Surr)	*54*		*10 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*
Terphenyl-d14 (Surr)	*68*		*28 - 150*	*02/03/26 10:23*	*02/06/26 16:21*	*1*

Lab Sample ID: LCS 400-738156/2-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	33.3	19.21		ug/L		58	27 - 120
2,4,5-Trichlorophenol	33.3	23.00		ug/L		69	27 - 136
2,4,6-Trichlorophenol	33.3	22.20		ug/L		67	21 - 132
2,4-Dichlorophenol	33.3	24.12		ug/L		72	30 - 125
2,4-Dimethylphenol	33.3	21.66		ug/L		65	10 - 142
2,4-Dinitrophenol	66.7	64.62		ug/L		97	10 - 150
2,4-Dinitrotoluene	33.3	24.65		ug/L		74	30 - 129
2,6-Dinitrotoluene	33.3	25.80		ug/L		77	34 - 132
2-Chloronaphthalene	33.3	21.24		ug/L		64	10 - 150
2-Chlorophenol	33.3	22.92		ug/L		69	28 - 127
2-Methylnaphthalene	33.3	21.00		ug/L		63	24 - 150
2-Methylphenol	33.3	22.70		ug/L		68	11 - 121
2-Nitroaniline	33.3	24.53		ug/L		74	31 - 141
2-Nitrophenol	33.3	23.97		ug/L		72	31 - 142
3 & 4 Methylphenol	33.3	25.22		ug/L		76	10 - 150
3,3'-Dichlorobenzidine	66.7	39.51		ug/L		59	10 - 150
3-Nitroaniline	33.3	24.82		ug/L		74	33 - 136
4,6-Dinitro-2-methylphenol	66.7	55.08		ug/L		83	10 - 150
4-Bromophenyl phenyl ether	33.3	21.83		ug/L		66	24 - 120
4-Chloro-3-methylphenol	33.3	23.49		ug/L		70	10 - 137
4-Chloroaniline	33.3	25.28		ug/L		76	10 - 150
4-Chlorophenyl phenyl ether	33.3	21.35		ug/L		64	31 - 110
4-Nitroaniline	33.3	25.32		ug/L		76	37 - 139
4-Nitrophenol	66.7	57.33		ug/L		86	10 - 150

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

Lab Sample ID: LCS 400-738156/2-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	33.3	20.25		ug/L		61	29 - 150
Acenaphthylene	33.3	21.89		ug/L		66	30 - 150
Acetophenone	33.3	24.65		ug/L		74	27 - 119
Anthracene	33.3	23.53		ug/L		71	31 - 150
Atrazine	33.3	19.65		ug/L		59	10 - 150
Benzaldehyde	33.3	15.41		ug/L		46	10 - 150
Benzo[a]anthracene	33.3	23.21		ug/L		70	36 - 150
Benzo[a]pyrene	33.3	22.85		ug/L		69	29 - 150
Benzo[b]fluoranthene	33.3	22.75		ug/L		68	32 - 150
Benzo[g,h,i]perylene	33.3	22.33		ug/L		67	28 - 150
Benzo[k]fluoranthene	33.3	22.73		ug/L		68	30 - 150
bis (2-chloroisopropyl) ether	33.3	22.86		ug/L		69	32 - 115
Bis(2-chloroethoxy)methane	33.3	25.45		ug/L		76	34 - 120
Bis(2-chloroethyl)ether	33.3	22.49		ug/L		67	32 - 114
Bis(2-ethylhexyl) phthalate	33.3	24.62		ug/L		74	24 - 133
Butyl benzyl phthalate	33.3	21.22		ug/L		64	24 - 140
Caprolactam	33.3	31.99		ug/L		96	10 - 150
Carbazole	33.3	22.77		ug/L		68	28 - 123
Chrysene	33.3	20.75		ug/L		62	34 - 150
Dibenz(a,h)anthracene	33.3	22.37		ug/L		67	29 - 150
Dibenzofuran	33.3	21.30		ug/L		64	35 - 110
Diethyl phthalate	33.3	14.76		ug/L		44	31 - 118
Dimethyl phthalate	33.3	14.85		ug/L		45	24 - 125
Di-n-butyl phthalate	33.3	19.54		ug/L		59	30 - 127
Di-n-octyl phthalate	33.3	24.49		ug/L		73	28 - 142
Fluoranthene	33.3	23.40		ug/L		70	30 - 150
Fluorene	33.3	21.33		ug/L		64	30 - 150
Hexachlorobenzene	33.3	20.90		ug/L		63	29 - 113
Hexachlorobutadiene	33.3	10.18		ug/L		31	10 - 117
Hexachlorocyclopentadiene	33.3	10.89	J	ug/L		33	10 - 150
Hexachloroethane	33.3	12.44		ug/L		37	10 - 112
Indeno[1,2,3-cd]pyrene	33.3	21.96		ug/L		66	28 - 150
Isophorone	33.3	24.95		ug/L		75	29 - 125
Naphthalene	33.3	19.58		ug/L		59	27 - 150
Nitrobenzene	33.3	24.63		ug/L		74	29 - 129
N-Nitrosodi-n-propylamine	33.3	24.64		ug/L		74	50 - 134
N-Nitrosodiphenylamine	33.1	22.72		ug/L		69	50 - 132
Pentachlorophenol	66.7	54.35		ug/L		82	14 - 150
Phenanthrene	33.3	22.78		ug/L		68	32 - 150
Phenol	33.3	24.83		ug/L		74	10 - 150
Pyrene	33.3	23.80		ug/L		71	30 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 150*
2-Fluorobiphenyl (Surr)	*61*		*25 - 139*
2-Fluorophenol (Surr)	*71*		*10 - 150*
Nitrobenzene-d5 (Surr)	*76*		*22 - 150*
Phenol-d5 (Surr)	*74*		*10 - 150*

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

Lab Sample ID: LCS 400-738156/2-A
Matrix: Water
Analysis Batch: 738552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738156

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*54*		*28 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-110717/1-A
Matrix: Water
Analysis Batch: 111283

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.00	2.45	ug/L		01/29/26 07:45	01/31/26 03:40	1
Arsenic	ND		5.00	1.32	ug/L		01/29/26 07:45	01/31/26 03:40	1
Barium	ND		10.0	0.410	ug/L		01/29/26 07:45	01/31/26 03:40	1
Beryllium	ND		1.00	0.147	ug/L		01/29/26 07:45	01/31/26 03:40	1
Cadmium	ND		0.700	0.237	ug/L		01/29/26 07:45	01/31/26 03:40	1
Chromium	ND		5.00	3.69	ug/L		01/29/26 07:45	01/31/26 03:40	1
Cobalt	ND		5.00	0.411	ug/L		01/29/26 07:45	01/31/26 03:40	1
Copper	0.7099	J	2.00	0.642	ug/L		01/29/26 07:45	01/31/26 03:40	1
Lead	ND		1.00	0.864	ug/L		01/29/26 07:45	01/31/26 03:40	1
Manganese	ND		5.00	1.29	ug/L		01/29/26 07:45	01/31/26 03:40	1
Nickel	0.7609	J	5.00	0.422	ug/L		01/29/26 07:45	01/31/26 03:40	1
Selenium	ND	^-	5.00	2.29	ug/L		01/29/26 07:45	01/31/26 03:40	1
Silver	ND		1.00	0.167	ug/L		01/29/26 07:45	01/31/26 03:40	1
Thallium	ND		1.00	0.190	ug/L		01/29/26 07:45	01/31/26 03:40	1
Vanadium	ND		5.00	1.22	ug/L		01/29/26 07:45	01/31/26 03:40	1
Zinc	ND		10.0	8.91	ug/L		01/29/26 07:45	01/31/26 03:40	1

Lab Sample ID: LCS 705-110717/2-A
Matrix: Water
Analysis Batch: 111283

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 110717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	83.01		ug/L		83	80 - 120
Arsenic	100	93.04		ug/L		93	80 - 120
Barium	100	89.13		ug/L		89	80 - 120
Beryllium	100	85.63		ug/L		86	80 - 120
Cadmium	100	86.24		ug/L		86	80 - 120
Chromium	100	94.59		ug/L		95	80 - 120
Cobalt	100	97.48		ug/L		97	80 - 120
Copper	100	95.39		ug/L		95	80 - 120
Lead	100	97.93		ug/L		98	80 - 120
Manganese	100	89.70		ug/L		90	80 - 120
Nickel	100	95.54		ug/L		96	80 - 120
Selenium	100	86.44	^-	ug/L		86	80 - 120
Silver	10.0	9.016		ug/L		90	80 - 120
Thallium	100	98.38		ug/L		98	80 - 120
Vanadium	100	94.51		ug/L		95	80 - 120
Zinc	100	92.05		ug/L		92	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-111541/1-A
Matrix: Water
Analysis Batch: 111817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.166	ug/L		02/02/26 17:06	02/03/26 21:37	1

Lab Sample ID: LCS 705-111541/2-A
Matrix: Water
Analysis Batch: 111817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	4.00	4.637		ug/L		116	80 - 120

Lab Sample ID: 752-41378-1 MS
Matrix: Water
Analysis Batch: 111817

Client Sample ID: 825-SW-1
Prep Type: Total/NA
Prep Batch: 111541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		4.00	4.671		ug/L		117	75 - 125

Lab Sample ID: 752-41378-1 MSD
Matrix: Water
Analysis Batch: 111817

Client Sample ID: 825-SW-1
Prep Type: Total/NA
Prep Batch: 111541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		4.00	4.639		ug/L		116	75 - 125	1	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 752-14718/43
Matrix: Water
Analysis Batch: 14718

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	ND		0.0500	0.0200	mg/L			01/30/26 11:34	1

Lab Sample ID: LCS 752-14718/44
Matrix: Water
Analysis Batch: 14718

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	1.02	1.023		mg/L		101	90 - 110

Lab Sample ID: 752-41378-2 MS
Matrix: Water
Analysis Batch: 14718

Client Sample ID: 825-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.458	F1	0.395	0.8080	F1	mg/L		89	90 - 110

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: 752-41378-2 MSD
Matrix: Water
Analysis Batch: 14718

Client Sample ID: 825-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia (as N)	0.458	F1	0.395	0.7684	F1	mg/L		79	90 - 110	5	30

Method: 353.2 - Nitrite

Lab Sample ID: MB 752-14709/11
Matrix: Water
Analysis Batch: 14709

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			01/28/26 16:00	1

Lab Sample ID: LCS 752-14709/14
Matrix: Water
Analysis Batch: 14709

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	1.00	1.001		mg/L		100	90 - 110

Lab Sample ID: LCSD 752-14709/37
Matrix: Water
Analysis Batch: 14709

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	0.9957		mg/L		100	90 - 110	1	10

Lab Sample ID: 752-41378-1 MS
Matrix: Water
Analysis Batch: 14709

Client Sample ID: 825-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	0.0336	J	1.00	0.9883		mg/L		95	90 - 110

Lab Sample ID: 752-41378-1 MSD
Matrix: Water
Analysis Batch: 14709

Client Sample ID: 825-SW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	0.0336	J	1.00	0.9832		mg/L		95	90 - 110	1	10

Lab Sample ID: 752-41378-2 DU
Matrix: Water
Analysis Batch: 14709

Client Sample ID: 825-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite as N	0.0288	J	0.02540	J F5	mg/L		13	10

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

Lab Sample ID: MB 680-888267/14
Matrix: Water
Analysis Batch: 888267

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			02/04/26 11:16	1

Lab Sample ID: LCS 680-888267/15
Matrix: Water
Analysis Batch: 888267

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	1.019		mg/L		102	90 - 110		

Lab Sample ID: 752-41378-2 MS
Matrix: Water
Analysis Batch: 888267

Client Sample ID: 825-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	0.331	F1	1.00	1.077	F1	mg/L		75	90 - 110		

Lab Sample ID: 752-41378-2 MSD
Matrix: Water
Analysis Batch: 888267

Client Sample ID: 825-SW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.331	F1	1.00	1.067	F1	mg/L		74	90 - 110	1	10

Lab Sample ID: 752-41378-5 MS
Matrix: Water
Analysis Batch: 888267

Client Sample ID: 825-SW-Dup
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate Nitrite as N	0.340	F1	1.00	1.039	F1	mg/L		70	90 - 110		

Lab Sample ID: 752-41378-5 MSD
Matrix: Water
Analysis Batch: 888267

Client Sample ID: 825-SW-Dup
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.340	F1	1.00	1.045	F1	mg/L		71	90 - 110	1	10

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-738386/20
Matrix: Water
Analysis Batch: 738386

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			02/04/26 16:35	1

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-738386/21
Matrix: Water
Analysis Batch: 738386

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.86		mg/L		99	90 - 110

Lab Sample ID: MRL 400-738386/22
Matrix: Water
Analysis Batch: 738386

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	3.870	J	mg/L		77	50 - 150

QC Association Summary

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

Job ID: 752-41378-1

GC/MS VOA

Analysis Batch: 111244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	8260D	
752-41378-2	825-SW-2	Total/NA	Water	8260D	
752-41378-3	825-SW-3	Total/NA	Water	8260D	
752-41378-4	825-SW-4	Total/NA	Water	8260D	
752-41378-5	825-SW-Dup	Total/NA	Water	8260D	
752-41378-6	825-SW-5	Total/NA	Water	8260D	
752-41378-7	825-SW-6	Total/NA	Water	8260D	
752-41378-8	Trip Blank	Total/NA	Water	8260D	
MB 705-111244/7	Method Blank	Total/NA	Water	8260D	
LCS 705-111244/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-111244/1002	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 111421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-8	Trip Blank	Total/NA	Water	8260D	
MB 705-111421/8	Method Blank	Total/NA	Water	8260D	
LCS 705-111421/1001	Lab Control Sample	Total/NA	Water	8260D	
LCS 705-111421/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 738156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	3511	
752-41378-2	825-SW-2	Total/NA	Water	3511	
752-41378-3	825-SW-3	Total/NA	Water	3511	
752-41378-4	825-SW-4	Total/NA	Water	3511	
752-41378-5	825-SW-Dup	Total/NA	Water	3511	
752-41378-6	825-SW-5	Total/NA	Water	3511	
752-41378-7	825-SW-6	Total/NA	Water	3511	
MB 400-738156/1-A	Method Blank	Total/NA	Water	3511	
LCS 400-738156/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 738552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	8270E	738156
752-41378-2	825-SW-2	Total/NA	Water	8270E	738156
752-41378-3	825-SW-3	Total/NA	Water	8270E	738156
752-41378-4	825-SW-4	Total/NA	Water	8270E	738156
752-41378-5	825-SW-Dup	Total/NA	Water	8270E	738156
752-41378-6	825-SW-5	Total/NA	Water	8270E	738156
752-41378-7	825-SW-6	Total/NA	Water	8270E	738156
MB 400-738156/1-A	Method Blank	Total/NA	Water	8270E	738156
LCS 400-738156/2-A	Lab Control Sample	Total/NA	Water	8270E	738156

Analysis Batch: 738555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	8270E	738156
752-41378-2	825-SW-2	Total/NA	Water	8270E	738156
752-41378-3	825-SW-3	Total/NA	Water	8270E	738156
752-41378-4	825-SW-4	Total/NA	Water	8270E	738156

GC/MS Semi VOA (Continued)

Analysis Batch: 738555 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-5	825-SW-Dup	Total/NA	Water	8270E	738156
752-41378-6	825-SW-5	Total/NA	Water	8270E	738156
752-41378-7	825-SW-6	Total/NA	Water	8270E	738156
MB 400-738156/1-A	Method Blank	Total/NA	Water	8270E	738156
LCS 400-738156/2-A	Lab Control Sample	Total/NA	Water	8270E	738156

Metals

Prep Batch: 110717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total Recoverable	Water	3005A	
752-41378-2	825-SW-2	Total Recoverable	Water	3005A	
752-41378-3	825-SW-3	Total Recoverable	Water	3005A	
752-41378-4	825-SW-4	Total Recoverable	Water	3005A	
752-41378-5	825-SW-Dup	Total Recoverable	Water	3005A	
752-41378-6	825-SW-5	Total Recoverable	Water	3005A	
752-41378-7	825-SW-6	Total Recoverable	Water	3005A	
MB 705-110717/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-110717/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 111283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total Recoverable	Water	6020B	110717
752-41378-2	825-SW-2	Total Recoverable	Water	6020B	110717
752-41378-3	825-SW-3	Total Recoverable	Water	6020B	110717
752-41378-4	825-SW-4	Total Recoverable	Water	6020B	110717
752-41378-5	825-SW-Dup	Total Recoverable	Water	6020B	110717
752-41378-6	825-SW-5	Total Recoverable	Water	6020B	110717
752-41378-7	825-SW-6	Total Recoverable	Water	6020B	110717
MB 705-110717/1-A	Method Blank	Total Recoverable	Water	6020B	110717
LCS 705-110717/2-A	Lab Control Sample	Total Recoverable	Water	6020B	110717

Analysis Batch: 111328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total Recoverable	Water	6020B	110717
752-41378-2	825-SW-2	Total Recoverable	Water	6020B	110717
752-41378-3	825-SW-3	Total Recoverable	Water	6020B	110717
752-41378-4	825-SW-4	Total Recoverable	Water	6020B	110717
752-41378-5	825-SW-Dup	Total Recoverable	Water	6020B	110717
752-41378-6	825-SW-5	Total Recoverable	Water	6020B	110717
752-41378-7	825-SW-6	Total Recoverable	Water	6020B	110717

Prep Batch: 111541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	7470A	
752-41378-2	825-SW-2	Total/NA	Water	7470A	
752-41378-3	825-SW-3	Total/NA	Water	7470A	
752-41378-4	825-SW-4	Total/NA	Water	7470A	
752-41378-5	825-SW-Dup	Total/NA	Water	7470A	
752-41378-6	825-SW-5	Total/NA	Water	7470A	
752-41378-7	825-SW-6	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 111541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-111541/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-111541/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-41378-1 MS	825-SW-1	Total/NA	Water	7470A	
752-41378-1 MSD	825-SW-1	Total/NA	Water	7470A	

Analysis Batch: 111817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	7470A	111541
752-41378-2	825-SW-2	Total/NA	Water	7470A	111541
752-41378-3	825-SW-3	Total/NA	Water	7470A	111541
752-41378-4	825-SW-4	Total/NA	Water	7470A	111541
752-41378-5	825-SW-Dup	Total/NA	Water	7470A	111541
752-41378-6	825-SW-5	Total/NA	Water	7470A	111541
752-41378-7	825-SW-6	Total/NA	Water	7470A	111541
MB 705-111541/1-A	Method Blank	Total/NA	Water	7470A	111541
LCS 705-111541/2-A	Lab Control Sample	Total/NA	Water	7470A	111541
752-41378-1 MS	825-SW-1	Total/NA	Water	7470A	111541
752-41378-1 MSD	825-SW-1	Total/NA	Water	7470A	111541

General Chemistry

Analysis Batch: 14709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	353.2	
752-41378-2	825-SW-2	Total/NA	Water	353.2	
752-41378-3	825-SW-3	Total/NA	Water	353.2	
752-41378-4	825-SW-4	Total/NA	Water	353.2	
752-41378-5	825-SW-Dup	Total/NA	Water	353.2	
752-41378-6	825-SW-5	Total/NA	Water	353.2	
752-41378-7	825-SW-6	Total/NA	Water	353.2	
MB 752-14709/11	Method Blank	Total/NA	Water	353.2	
LCS 752-14709/14	Lab Control Sample	Total/NA	Water	353.2	
LCSD 752-14709/37	Lab Control Sample Dup	Total/NA	Water	353.2	
752-41378-1 MS	825-SW-1	Total/NA	Water	353.2	
752-41378-1 MSD	825-SW-1	Total/NA	Water	353.2	
752-41378-2 DU	825-SW-2	Total/NA	Water	353.2	

Analysis Batch: 14718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	350.1	
752-41378-2	825-SW-2	Total/NA	Water	350.1	
752-41378-3	825-SW-3	Total/NA	Water	350.1	
752-41378-4	825-SW-4	Total/NA	Water	350.1	
752-41378-5	825-SW-Dup	Total/NA	Water	350.1	
752-41378-6	825-SW-5	Total/NA	Water	350.1	
752-41378-7	825-SW-6	Total/NA	Water	350.1	
MB 752-14718/43	Method Blank	Total/NA	Water	350.1	
LCS 752-14718/44	Lab Control Sample	Total/NA	Water	350.1	
752-41378-2 MS	825-SW-2	Total/NA	Water	350.1	
752-41378-2 MSD	825-SW-2	Total/NA	Water	350.1	

General Chemistry

Analysis Batch: 738386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	SM 4500 SO4 E	
752-41378-2	825-SW-2	Total/NA	Water	SM 4500 SO4 E	
752-41378-3	825-SW-3	Total/NA	Water	SM 4500 SO4 E	
752-41378-4	825-SW-4	Total/NA	Water	SM 4500 SO4 E	
752-41378-5	825-SW-Dup	Total/NA	Water	SM 4500 SO4 E	
752-41378-6	825-SW-5	Total/NA	Water	SM 4500 SO4 E	
752-41378-7	825-SW-6	Total/NA	Water	SM 4500 SO4 E	
MB 400-738386/20	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-738386/21	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-738386/22	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 888225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	Nitrate by calc	
752-41378-2	825-SW-2	Total/NA	Water	Nitrate by calc	
752-41378-3	825-SW-3	Total/NA	Water	Nitrate by calc	
752-41378-4	825-SW-4	Total/NA	Water	Nitrate by calc	
752-41378-5	825-SW-Dup	Total/NA	Water	Nitrate by calc	
752-41378-6	825-SW-5	Total/NA	Water	Nitrate by calc	
752-41378-7	825-SW-6	Total/NA	Water	Nitrate by calc	

Analysis Batch: 888267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41378-1	825-SW-1	Total/NA	Water	353.2-1993 R2.0	
752-41378-2	825-SW-2	Total/NA	Water	353.2-1993 R2.0	
752-41378-3	825-SW-3	Total/NA	Water	353.2-1993 R2.0	
752-41378-4	825-SW-4	Total/NA	Water	353.2-1993 R2.0	
752-41378-5	825-SW-Dup	Total/NA	Water	353.2-1993 R2.0	
752-41378-6	825-SW-5	Total/NA	Water	353.2-1993 R2.0	
752-41378-7	825-SW-6	Total/NA	Water	353.2-1993 R2.0	
MB 680-888267/14	Method Blank	Total/NA	Water	353.2-1993 R2.0	
LCS 680-888267/15	Lab Control Sample	Total/NA	Water	353.2-1993 R2.0	
752-41378-2 MS	825-SW-2	Total/NA	Water	353.2-1993 R2.0	
752-41378-2 MSD	825-SW-2	Total/NA	Water	353.2-1993 R2.0	
752-41378-5 MS	825-SW-Dup	Total/NA	Water	353.2-1993 R2.0	
752-41378-5 MSD	825-SW-Dup	Total/NA	Water	353.2-1993 R2.0	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Client Sample ID: 825-SW-1
Lab Sample ID: 752-41378-1

Date Collected: 01/27/26 12:00
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 21:29
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 18:50
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 18:50
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:02
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 13:58
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 21:44
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 11:58
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:04
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:40
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:41

Client Sample ID: 825-SW-2
Lab Sample ID: 752-41378-2

Date Collected: 01/27/26 12:45
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 21:54
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 19:20
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 19:20
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:05
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 14:00
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 21:56
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:00
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:06
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:31
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:41

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Client Sample ID: 825-SW-3
Lab Sample ID: 752-41378-3

Date Collected: 01/27/26 13:30
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 22:19
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 19:49
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 19:49
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:26
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 14:03
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 22:00
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:09
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:08
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:44
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:42

Client Sample ID: 825-SW-4
Lab Sample ID: 752-41378-4

Date Collected: 01/27/26 14:15
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 22:44
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 20:19
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 20:19
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:29
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 14:06
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 22:04
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:11
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:09
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:49
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:42

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Client Sample ID: 825-SW-Dup
Lab Sample ID: 752-41378-5

Date Collected: 01/27/26 14:15
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 23:09
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 20:49
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 20:49
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:32
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 14:08
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 22:08
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:12
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:10
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:26
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:43

Client Sample ID: 825-SW-5
Lab Sample ID: 752-41378-6

Date Collected: 01/27/26 15:00
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 23:34
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 21:18
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 21:18
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:35
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 14:11
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 22:12
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:14
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:10
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:38
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:43

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Client Sample ID: 825-SW-6
Lab Sample ID: 752-41378-7
Date Collected: 01/27/26 15:45
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 23:59
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738552	S1B	EET PEN	02/06/26 21:48
Total/NA	Prep	3511			738156	HG	EET PEN	02/03/26 10:23
Total/NA	Analysis	8270E		1	738555	S1B	EET PEN	02/06/26 21:48
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111283	TT	EET ATL	01/31/26 04:37
Total Recoverable	Prep	3005A			110717	BR	EET ATL	01/29/26 14:30
Total Recoverable	Analysis	6020B		1	111328	TT	EET ATL	02/01/26 14:14
Total/NA	Prep	7470A			111541	KB	EET ATL	02/02/26 17:06
Total/NA	Analysis	7470A		1	111817	GR	EET ATL	02/03/26 22:27
Total/NA	Analysis	350.1		1	14718	CB	EET RAL	01/30/26 12:16
Total/NA	Analysis	353.2		1	14709	CB	EET RAL	01/28/26 16:11
Total/NA	Analysis	353.2-1993 R2.0		1	888267	NVF	EET SAV	02/04/26 11:42
Total/NA	Analysis	Nitrate by calc		1	888225	NVF	EET SAV	02/04/26 16:36
Total/NA	Analysis	SM 4500 SO4 E		1	738386	CJK	EET PEN	02/04/26 16:44

Client Sample ID: Trip Blank
Lab Sample ID: 752-41378-8
Date Collected: 01/27/26 12:00
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	111244	Y1S	EET ATL	01/31/26 17:19
Total/NA	Analysis	8260D		1	111421	UI	EET ATL	02/02/26 17:46

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Laboratory: Eurofins Raleigh

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	591	12-31-26

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	Ethyl acetate
8260D		Water	Hexane
8260D		Water	n-Heptane

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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	12-31-26

Method Summary

Client: S&ME Inc
Job ID: 752-41378-1
Project/Site: Northgate Park

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ATL
8270E	Semivolatile Organic Compounds (GC-MS/MS Isotope Dilution)	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET PEN
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET RAL
353.2	Nitrogen, Nitrite	EPA	EET RAL
353.2-1993 R2.0	Nitrogen, Nitrate-Nitrite	MCAWW	EET SAV
Nitrate by calc	Nitrogen, Nitrate-Nitrite	SM	EET SAV
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3511	Microextraction of Organic Compounds	SW846	EET PEN
5030B	Purge and Trap	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET RAL = Eurofins Raleigh, 104 Woodwinds Industrial Court, Suite A, Cary, NC 27511, TEL (919)467-3090

EET SAV = Eurofins Savannah, 7001 Chatham Center Drive, Suite 600, Savannah, GA 31405, TEL (912)354-7858

Sample Summary

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

Job ID: 752-41378-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41378-1	825-SW-1	Water	01/27/26 12:00	01/27/26 16:45	North Carolina
752-41378-2	825-SW-2	Water	01/27/26 12:45	01/27/26 16:45	North Carolina
752-41378-3	825-SW-3	Water	01/27/26 13:30	01/27/26 16:45	North Carolina
752-41378-4	825-SW-4	Water	01/27/26 14:15	01/27/26 16:45	North Carolina
752-41378-5	825-SW-Dup	Water	01/27/26 14:15	01/27/26 16:45	North Carolina
752-41378-6	825-SW-5	Water	01/27/26 15:00	01/27/26 16:45	North Carolina
752-41378-7	825-SW-6	Water	01/27/26 15:45	01/27/26 16:45	North Carolina
752-41378-8	Trip Blank	Water	01/27/26 12:00	01/27/26 16:45	North Carolina

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jonathan Olazin	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170289-59893.1
Client Contact: Jerry Paul	Phone: 984-303-9791	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page:
Company: S&ME Inc	PWSID:	Analysis Requested		Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			Preservation Codes: N - None; S - H2SO4; A - HCL; D - HNO3
City: Raleigh	TAT Requested (days):			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			752-41378 COC
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BM			Other:
Email: jpaul@smeinc.com	WO #:			
Project Name: Northgate Park	Project #: 68026680			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ - SVOC TCL OLM4.2	8270E_SIM_ID_D5 - 1,4 Dioxane	350.1 - Ammonia as N; 353.2 - NOx, Nitrate_Calc	8260D - VOC NC 02L List	6020B - PRLF Metals; 7470A - Hg	353.2_Nitrite - Nitrite (48 Hour HT)	SM4500_SO4_E - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	S	A	D	N	N		
825-SW-1	1/27/26	1200	G	W			X	X	X	X	X	X	X	13	
825-SW-2		1245					X	X	X	X	X	X	X	13	
825-SW-3		1330					X	X	X	X	X	X	X	13	
825-SW-4		1415					X	X	X	X	X	X	X	13	
825-SW-Dup		1415					X	X	X	X	X	X	X	13	
825-SW-5		1500					X	X	X	X	X	X	X	13	
825-SW-6		1545					X	X	X	X	X	X	X	13	
Trip Blank															

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 1/27/26 1645	Company S&ME	Received by:	Date/Time: 1/27/26 1645	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: 1.6 (1.3°C), 1.0 (1.7°C) RA

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: 752-7833 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 #: 752-41378-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 2/5/2026			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3511(MOD) SVOC TCL OLM4.2	8270E_QQQ_IDA/35111,4-Dioxane	SM4500_SO4_ESulfate, Total	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
825-SW-1 (752-41378-1)	1/27/26	12.00 Eastern	G	Water			X	X	X		
825-SW-2 (752-41378-2)	1/27/26	12.45 Eastern	G	Water			X	X	X		
825-SW-3 (752-41378-3)	1/27/26	13 30 Eastern	G	Water			X	X	X		
825-SW-4 (752-41378-4)	1/27/26	14 15 Eastern	G	Water			X	X	X		
825-SW-Dup (752-41378-5)	1/27/26	14 15 Eastern	G	Water			X	X	X		
825-SW-5 (752-41378-6)	1/27/26	15 00 Eastern	G	Water			X	X	X		
825-SW-6 (752-41378-7)	1/27/26	15 45 Eastern	G	Water			X	X	X		

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
BR	1/28/26 1630				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				2/2/26 847	EEST

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks: 0.0,0.0 IR8

Ver 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7835 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 Drinking Water and Wastewater S		Accreditations Required (See note): State - North Carolina (WW/SW)		Job #: 752-41378-1
Address: 7001 Chatham Center Drive, Suite 600,	Due Date Requested: 2/5/2026			Preservation Codes: -
City: Savannah	TAT Requested (days): N/A			
State, Zip: GA, 31405				
Phone: 912-354-7858(Tel) 912-352-0165(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	353.2_PresNitrate+Nitrite	Nitrate_CalcNitrate	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
825-SW-1 (752-41378-1)	1/27/26	12.00 Eastern	G	Water			X	X	1	
825-SW-2 (752-41378-2)	1/27/26	12:45 Eastern	G	Water			X	X	1	
825-SW-3 (752-41378-3)	1/27/26	13 30 Eastern	G	Water			X	X	1	
825-SW-4 (752-41378-4)	1/27/26	14 15 Eastern	G	Water			X	X	1	
825-SW-Dup (752-41378-5)	1/27/26	14 15 Eastern	G	Water			X	X	1	
825-SW-5 (752-41378-6)	1/27/26	15 00 Eastern	G	Water			X	X	1	
825-SW-6 (752-41378-7)	1/27/26	15 45 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	012826 1700			2/2/26 1025	
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: 1.7/1.7

Ver: 10/10/2024

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone. 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7830 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 #: 752-41378-1
Address: 3080 Presidential Dr, ,	Due Date Requested: 2/5/2026			
City: Atlanta	TAT Requested (days): N/A			
State Zip: GA, 30340				
Phone: 770-457-8177(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes.
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005APRLF 16 Metals, including prep	7470A/7470A_PrepMercury	8260D_LL/5030BVOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X				X	
825-SW-1 (752-41378-1)	1/27/26	12:00 Eastern	G	Water			X	X	X	4	
825-SW-2 (752-41378-2)	1/27/26	12.45 Eastern	G	Water			X	X	X	4	
825-SW-3 (752-41378-3)	1/27/26	13 30 Eastern	G	Water			X	X	X	4	
825-SW-4 (752-41378-4)	1/27/26	14 15 Eastern	G	Water			X	X	X	4	
825-SW-Dup (752-41378-5)	1/27/26	14 15 Eastern	G	Water			X	X	X	4	
825-SW-5 (752-41378-6)	1/27/26	15 00 Eastern	G	Water			X	X	X	4	
825-SW-6 (752-41378-7)	1/27/26	15 45 Eastern	G	Water			X	X	X	4	
Trip Blank (752-41378-8)	1/27/26	12.00 Eastern	G	Water					X	2	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: RR	1/28/26 1600			1/29/26 10:40	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 0.7°, 1.5°, 2.0° #2927

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41378-1

Login Number: 41378

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41378-1

Login Number: 41378
List Number: 2
Creator: Sims, Christion

List Source: Eurofins Atlanta
List Creation: 01/29/26 12:15 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: 752-41378-1

Login Number: 41378
List Number: 4
Creator: Motes, Tyler D

List Source: Eurofins Pensacola
List Creation: 02/02/26 11:38 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	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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41378-1

Login Number: 41378
List Number: 3
Creator: Faught, Timothy

List Source: Eurofins Savannah
List Creation: 02/02/26 10:32 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/9/2026 9:41:49 AM

JOB DESCRIPTION

Northgate Park

JOB NUMBER

752-41379-1

Eurofins Raleigh
104 Woodwinds Industrial Court
Suite A
Cary NC 27511

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

Generated
2/9/2026 9:41:49 AM

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

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Definitions/Glossary

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

HPLC/IC

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

Metals

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

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)

Glossary (Continued)

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

Job Narrative
752-41379-1

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

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

Receipt
The samples were received on 1/27/2026 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

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

GC/MS Semi VOA
Method 8270E: The laboratory control sample (LCS) for preparation batch 400-738032 and analytical batch 400-738175 recovered outside control limits for the following analytes: bis (2-chloroisopropyl) ether and Hexachloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

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

Metals
Method 6020B: The method blank for preparation batch 705-111035 and analytical batch 705-111673 contained Barium, Manganese and Silver above the method detection limit (MDL). These target analytes concentrations were 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.

Detection Summary

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-1 — Lab Sample ID: 752-41379-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00701	J	0.00764	0.00367	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00206		0.00145	0.00145	mg/Kg	1	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.143	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.191	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.323	J	0.410	0.00174	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.187	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.110	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.228	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.392	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.176	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.148	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.326	J	0.410	0.0410	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.02	J	3.14	0.911	mg/Kg	1	☼	9056A	Soluble
Sulfate	18.4		12.6	12.3	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.233	J	0.388	0.0346	mg/Kg	5	☼	6020B	Total/NA
Barium	10.7	B	1.62	0.00915	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0703	J	0.323	0.0227	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0248	J	0.323	0.0105	mg/Kg	5	☼	6020B	Total/NA
Chromium	6.32		0.647	0.133	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.47		0.485	0.0183	mg/Kg	5	☼	6020B	Total/NA
Copper	3.13		0.323	0.0336	mg/Kg	5	☼	6020B	Total/NA
Lead	4.09		0.323	0.0382	mg/Kg	5	☼	6020B	Total/NA
Manganese	54.6	B	0.647	0.0398	mg/Kg	5	☼	6020B	Total/NA
Nickel	4.97		0.647	0.0169	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.154	J	1.62	0.115	mg/Kg	5	☼	6020B	Total/NA
Silver	0.148	J B	0.162	0.00188	mg/Kg	5	☼	6020B	Total/NA
Vanadium	14.0		0.647	0.0812	mg/Kg	5	☼	6020B	Total/NA
Zinc	13.7		1.62	1.34	mg/Kg	5	☼	6020B	Total/NA
Ammonia (as N)	1.67		1.25	0.399	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 825-SED-2 — Lab Sample ID: 752-41379-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00992	J	0.0122	0.00584	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00188		0.00144	0.00144	mg/Kg	1	☼	8270E SIM ID	Total/NA
Nitrate as N	0.972	J	3.03	0.880	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.561		0.371	0.0331	mg/Kg	5	☼	6020B	Total/NA
Barium	77.5	B	1.55	0.00876	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.395		0.310	0.0217	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0744	J	0.310	0.0101	mg/Kg	5	☼	6020B	Total/NA
Chromium	17.4		0.619	0.128	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.49		0.464	0.0175	mg/Kg	5	☼	6020B	Total/NA
Copper	5.31		0.310	0.0322	mg/Kg	5	☼	6020B	Total/NA
Lead	5.16		0.310	0.0365	mg/Kg	5	☼	6020B	Total/NA
Manganese	67.1	B	0.619	0.0381	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.01		0.619	0.0162	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.794	J	1.55	0.110	mg/Kg	5	☼	6020B	Total/NA
Silver	0.0169	J B	0.155	0.00180	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0427	J	0.433	0.0261	mg/Kg	5	☼	6020B	Total/NA
Vanadium	13.8		0.619	0.0777	mg/Kg	5	☼	6020B	Total/NA
Zinc	7.88		1.55	1.28	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-SED-2 (Continued) — Lab Sample ID: 752-41379-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0190	J	0.111	0.0162	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.483	J	1.21	0.121	mg/Kg	1	☼	7199	Total/NA

Client Sample ID: 825-SED-3 — Lab Sample ID: 752-41379-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0111		0.00916	0.00440	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00245		0.00158	0.00158	mg/Kg	1	☼	8270E SIM ID	Total/NA
Benzo[b]fluoranthene	0.0156	J	0.428	0.00182	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.10	J	3.34	0.970	mg/Kg	1	☼	9056A	Soluble
Sulfate	15.7		13.4	13.1	mg/Kg	1	☼	9056A	Soluble
Arsenic	1.23		0.410	0.0366	mg/Kg	5	☼	6020B	Total/NA
Barium	41.6	B	1.71	0.00968	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.228	J F1	0.342	0.0240	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0643	J	0.342	0.0111	mg/Kg	5	☼	6020B	Total/NA
Chromium	15.2	F1	0.684	0.141	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.62		0.513	0.0194	mg/Kg	5	☼	6020B	Total/NA
Copper	8.87		0.342	0.0356	mg/Kg	5	☼	6020B	Total/NA
Lead	11.1		0.342	0.0403	mg/Kg	5	☼	6020B	Total/NA
Manganese	105	B	0.684	0.0421	mg/Kg	5	☼	6020B	Total/NA
Nickel	8.62		0.684	0.0179	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.620	J F1	1.71	0.121	mg/Kg	5	☼	6020B	Total/NA
Silver	0.177	B	0.171	0.00198	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0581	J	0.479	0.0288	mg/Kg	5	☼	6020B	Total/NA
Vanadium	21.1		0.684	0.0858	mg/Kg	5	☼	6020B	Total/NA
Zinc	18.8		1.71	1.42	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.232	J	1.31	0.131	mg/Kg	1	☼	7199	Total/NA
Ammonia (as N)	0.861	J	1.30	0.417	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: 825-SED-4 — Lab Sample ID: 752-41379-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00469	J	0.00975	0.00468	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00190		0.00145	0.00145	mg/Kg	1	☼	8270E SIM ID	Total/NA
Benzo[a]pyrene	0.0425	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.0746	J	0.397	0.00168	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0509	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.0987	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0470	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0775	J	0.397	0.0397	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.00	J	3.17	0.920	mg/Kg	1	☼	9056A	Soluble
Sulfate	30.2		12.7	12.4	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.377	J	0.384	0.0343	mg/Kg	5	☼	6020B	Total/NA
Barium	9.69	B	1.60	0.00906	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.0862	J	0.320	0.0224	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0217	J	0.320	0.0104	mg/Kg	5	☼	6020B	Total/NA
Chromium	8.48		0.640	0.132	mg/Kg	5	☼	6020B	Total/NA
Cobalt	2.06		0.480	0.0181	mg/Kg	5	☼	6020B	Total/NA
Copper	2.72		0.320	0.0333	mg/Kg	5	☼	6020B	Total/NA
Lead	3.28		0.320	0.0378	mg/Kg	5	☼	6020B	Total/NA
Manganese	25.0	B	0.640	0.0394	mg/Kg	5	☼	6020B	Total/NA
Nickel	3.36		0.640	0.0167	mg/Kg	5	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-SED-4 (Continued)

Lab Sample ID: 752-41379-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.125	J	1.60	0.114	mg/Kg	5	☼	6020B	Total/NA
Silver	0.213	B	0.160	0.00186	mg/Kg	5	☼	6020B	Total/NA
Vanadium	7.41		0.640	0.0804	mg/Kg	5	☼	6020B	Total/NA
Zinc	14.6		1.60	1.33	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 825-SED-5

Lab Sample ID: 752-41379-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00885	J	0.00978	0.00469	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00205		0.00157	0.00157	mg/Kg	1	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0747	J	0.444	0.0444	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0635	J	0.444	0.0444	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.106	J	0.444	0.00188	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.0865	J	0.444	0.0444	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.171	J	0.444	0.0444	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0964	J	0.444	0.0444	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.152	J	0.444	0.0444	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	1.16	J	3.40	0.987	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.571		0.428	0.0382	mg/Kg	5	☼	6020B	Total/NA
Barium	48.1	B	1.78	0.0101	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.318	J	0.357	0.0250	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0709	J	0.357	0.0116	mg/Kg	5	☼	6020B	Total/NA
Chromium	17.3		0.713	0.147	mg/Kg	5	☼	6020B	Total/NA
Cobalt	6.71		0.535	0.0202	mg/Kg	5	☼	6020B	Total/NA
Copper	7.95		0.357	0.0371	mg/Kg	5	☼	6020B	Total/NA
Lead	10.4		0.357	0.0421	mg/Kg	5	☼	6020B	Total/NA
Manganese	86.0	B	0.713	0.0439	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.08		0.713	0.0187	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.639	J	1.78	0.127	mg/Kg	5	☼	6020B	Total/NA
Silver	0.118	J B	0.178	0.00207	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0596	J	0.499	0.0301	mg/Kg	5	☼	6020B	Total/NA
Vanadium	18.7		0.713	0.0895	mg/Kg	5	☼	6020B	Total/NA
Zinc	13.5		1.78	1.48	mg/Kg	5	☼	6020B	Total/NA
Mercury	0.0227	J	0.124	0.0181	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: 825-SED-6

Lab Sample ID: 752-41379-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00886	J	0.00988	0.00474	mg/Kg	1	☼	8260D	Total/NA
Benzene	0.000362	J	0.00198	0.000265	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00116	J	0.00198	0.000395	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00209		0.00159	0.00159	mg/Kg	1	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.0686	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.0802	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.137	J	0.418	0.00177	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.0848	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0454	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.104	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.163	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0755	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.0525	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.134	J	0.418	0.0418	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

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

Lab Sample ID: 752-41379-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.08	J	3.45	1.00	mg/Kg	1	☼	9056A	Soluble
Sulfate	46.7		13.8	13.6	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.733		0.424	0.0378	mg/Kg	5	☼	6020B	Total/NA
Barium	14.8	B	1.77	0.0100	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.131	J	0.353	0.0248	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0286	J	0.353	0.0115	mg/Kg	5	☼	6020B	Total/NA
Chromium	19.9		0.707	0.146	mg/Kg	5	☼	6020B	Total/NA
Cobalt	3.27		0.530	0.0200	mg/Kg	5	☼	6020B	Total/NA
Copper	3.60		0.353	0.0368	mg/Kg	5	☼	6020B	Total/NA
Lead	3.88		0.353	0.0417	mg/Kg	5	☼	6020B	Total/NA
Manganese	34.8	B	0.707	0.0435	mg/Kg	5	☼	6020B	Total/NA
Nickel	5.35		0.707	0.0185	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.185	J	1.77	0.125	mg/Kg	5	☼	6020B	Total/NA
Silver	0.203	B	0.177	0.00205	mg/Kg	5	☼	6020B	Total/NA
Vanadium	12.1		0.707	0.0887	mg/Kg	5	☼	6020B	Total/NA
Zinc	19.3		1.77	1.47	mg/Kg	5	☼	6020B	Total/NA

Client Sample ID: 825-SED-DUP

Lab Sample ID: 752-41379-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.00541	J	0.00680	0.00326	mg/Kg	1	☼	8260D	Total/NA
1,4-Dioxane	0.00206		0.00149	0.00149	mg/Kg	1	☼	8270E SIM ID	Total/NA
Benzo[a]anthracene	0.157	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.196	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.330	J	0.365	0.00155	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.182	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.0974	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.233	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.0365	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.424		0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.169	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.162	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.340	J	0.365	0.0365	mg/Kg	1	☼	8270E	Total/NA
Nitrate as N	0.983	J	3.12	0.905	mg/Kg	1	☼	9056A	Soluble
Sulfate	25.5		12.5	12.2	mg/Kg	1	☼	9056A	Soluble
Arsenic	0.635		0.390	0.0348	mg/Kg	5	☼	6020B	Total/NA
Barium	53.4	B	1.63	0.00921	mg/Kg	5	☼	6020B	Total/NA
Beryllium	0.333		0.325	0.0228	mg/Kg	5	☼	6020B	Total/NA
Cadmium	0.0804	J	0.325	0.0106	mg/Kg	5	☼	6020B	Total/NA
Chromium	13.4		0.651	0.134	mg/Kg	5	☼	6020B	Total/NA
Cobalt	4.86		0.488	0.0184	mg/Kg	5	☼	6020B	Total/NA
Copper	9.28		0.325	0.0338	mg/Kg	5	☼	6020B	Total/NA
Lead	8.88		0.325	0.0384	mg/Kg	5	☼	6020B	Total/NA
Manganese	55.0	B	0.651	0.0400	mg/Kg	5	☼	6020B	Total/NA
Nickel	7.76		0.651	0.0170	mg/Kg	5	☼	6020B	Total/NA
Selenium	0.749	J	1.63	0.115	mg/Kg	5	☼	6020B	Total/NA
Silver	0.238	B	0.163	0.00189	mg/Kg	5	☼	6020B	Total/NA
Thallium	0.0522	J	0.455	0.0274	mg/Kg	5	☼	6020B	Total/NA
Vanadium	19.8		0.651	0.0817	mg/Kg	5	☼	6020B	Total/NA
Zinc	18.6		1.63	1.35	mg/Kg	5	☼	6020B	Total/NA
Cr (VI)	0.524	J	1.16	0.116	mg/Kg	1	☼	7199	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: 825-SED-DUP (Continued)
Lab Sample ID: 752-41379-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia (as N)	1.46		1.24	0.396	mg/Kg	1	☼	350.1	Soluble

Client Sample ID: Trip Blank
Lab Sample ID: 752-41379-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 825-SED-1
Lab Sample ID: 752-41379-1
Date Collected: 01/27/26 12:00
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00701	J	0.00764	0.00367	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Benzene	ND		0.00153	0.000205	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Bromobenzene	ND		0.00153	0.000397	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Chlorobromomethane	ND		0.00153	0.000248	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Dichlorobromomethane	ND		0.00153	0.000281	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Bromoform	ND		0.00153	0.000397	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Bromomethane	ND		0.00153	0.000764	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
2-Butanone (MEK)	ND		0.00764	0.00183	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
n-Butylbenzene	ND		0.00153	0.000293	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
sec-Butylbenzene	ND		0.00153	0.000290	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
tert-Butylbenzene	ND		0.00153	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Carbon disulfide	ND		0.00153	0.000773	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Carbon tetrachloride	ND		0.00153	0.000519	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Chlorobenzene	ND		0.00153	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Chloroethane	ND		0.00153	0.00101	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Chloroform	ND		0.00153	0.000416	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Chloromethane	ND		0.00153	0.000675	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
2-Chlorotoluene	ND		0.00153	0.000507	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
4-Chlorotoluene	ND		0.00153	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Chlorodibromomethane	ND		0.00153	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2-Dibromo-3-Chloropropane	ND		0.00153	0.00101	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Ethylene Dibromide	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Dibromomethane	ND		0.00153	0.000254	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2-Dichlorobenzene	ND		0.00153	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,3-Dichlorobenzene	ND		0.00153	0.000290	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,4-Dichlorobenzene	ND		0.00153	0.000263	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
trans-1,4-Dichloro-2-butene	ND		0.00153	0.000764	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1-Dichloroethane	ND		0.00153	0.000254	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2-Dichloroethane	ND		0.00153	0.000562	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
cis-1,2-Dichloroethene	ND		0.00153	0.000232	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
trans-1,2-Dichloroethene	ND		0.00153	0.000293	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1-Dichloroethene	ND		0.00153	0.000642	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2-Dichloropropane	ND		0.00153	0.000232	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,3-Dichloropropane	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
2,2-Dichloropropane	ND		0.00153	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1-Dichloropropene	ND		0.00153	0.000254	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
cis-1,3-Dichloropropene	ND		0.00153	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
trans-1,3-Dichloropropene	ND		0.00153	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Ethylbenzene	ND		0.00153	0.000186	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Hexachlorobutadiene	ND		0.00153	0.000764	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
2-Hexanone	ND		0.00764	0.00153	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Iodomethane	ND		0.00153	0.00104	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Isopropylbenzene	ND		0.00153	0.000208	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
4-Isopropyltoluene	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Methylene Chloride	ND		0.00458	0.00306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
4-Methyl-2-pentanone (MIBK)	ND		0.00764	0.00410	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Methyl tert-butyl ether	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Naphthalene	ND		0.00153	0.000917	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
N-Propylbenzene	ND		0.00153	0.000275	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1

Client Sample ID: 825-SED-1
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-1
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1,1,2-Tetrachloroethane	ND		0.00153	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1,2,2-Tetrachloroethane	ND		0.00153	0.000526	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Tetrachloroethene	ND		0.00153	0.000917	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Toluene	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2,3-Trichlorobenzene	ND		0.00153	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2,4-Trichlorobenzene	ND		0.00153	0.000614	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1,1-Trichloroethane	ND		0.00153	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1,2-Trichloroethane	ND		0.00153	0.000492	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Trichloroethene	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Trichlorofluoromethane	ND		0.00153	0.000739	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2,3-Trichloropropane	ND		0.00153	0.000636	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00153	0.000574	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,2,4-Trimethylbenzene	ND		0.00153	0.000306	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
1,3,5-Trimethylbenzene	ND		0.00153	0.000254	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Vinyl acetate	ND		0.00764	0.00195	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Vinyl chloride	ND		0.00153	0.000666	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
o-Xylene	ND		0.00153	0.000917	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
m-Xylene & p-Xylene	ND		0.00153	0.000917	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Xylenes, Total	ND		0.00306	0.00183	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Isopropyl ether	ND		0.00153	0.000422	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Hexane	ND		0.00153	0.000794	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
n-Heptane	ND		0.00153	0.000883	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1
Ethyl acetate	ND		0.00611	0.00153	mg/Kg	☼	02/06/26 12:10	02/06/26 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*50 - 150*	*02/06/26 12:10*	*02/06/26 19:56*	*1*
Dibromofluoromethane	*106*		*50 - 150*	*02/06/26 12:10*	*02/06/26 19:56*	*1*
Toluene-d8 (Surr)	*100*		*50 - 150*	*02/06/26 12:10*	*02/06/26 19:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*50 - 150*	*02/06/26 12:10*	*02/06/26 19:56*	*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	**0.00206**		0.00145	0.00145	mg/Kg	☼	02/03/26 10:06	02/05/26 09:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*42*		*10 - 150*	*02/03/26 10:06*	*02/05/26 09:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.410	0.0119	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,4,5-Trichlorophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,4,6-Trichlorophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,4-Dichlorophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,4-Dimethylphenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,4-Dinitrophenol	ND		1.23	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,4-Dinitrotoluene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2,6-Dinitrotoluene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2-Chloronaphthalene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2-Chlorophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2-Methylnaphthalene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-1
Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-1
Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2-Nitroaniline	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
2-Nitrophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
3 & 4 Methylphenol	ND		0.821	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
3,3'-Dichlorobenzidine	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
3-Nitroaniline	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4,6-Dinitro-2-methylphenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4-Bromophenyl phenyl ether	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4-Chloro-3-methylphenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4-Chloroaniline	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4-Chlorophenyl phenyl ether	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4-Nitroaniline	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
4-Nitrophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Acenaphthene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Acenaphthylene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Acetophenone	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Anthracene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Atrazine	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Benzaldehyde	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Benzo[a]anthracene	**0.143**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Benzo[a]pyrene	**0.191**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Benzo[b]fluoranthene	**0.323**	**J**	0.410	0.00174	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Benzo[g,h,i]perylene	**0.187**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Benzo[k]fluoranthene	**0.110**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
bis (2-chloroisopropyl) ether	ND	*+	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Bis(2-chloroethoxy)methane	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Bis(2-chloroethyl)ether	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Bis(2-ethylhexyl) phthalate	ND		0.410	0.124	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Butyl benzyl phthalate	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Caprolactam	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Carbazole	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Chrysene	**0.228**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Dibenz(a,h)anthracene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Dibenzofuran	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Diethyl phthalate	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Dimethyl phthalate	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Di-n-butyl phthalate	ND		1.23	0.373	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Di-n-octyl phthalate	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Fluoranthene	**0.392**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Fluorene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Hexachlorobenzene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Hexachlorobutadiene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Hexachlorocyclopentadiene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Hexachloroethane	ND	*+	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Indeno[1,2,3-cd]pyrene	**0.176**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Isophorone	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Naphthalene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Nitrobenzene	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
N-Nitrosodi-n-propylamine	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1

Client Sample ID: 825-SED-1

Date Collected: 01/27/26 12:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-1

Matrix: Solid
Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Pentachlorophenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Phenanthrene	**0.148**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Phenol	ND		0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1
Pyrene	**0.326**	**J**	0.410	0.0410	mg/Kg	☼	02/02/26 12:13	02/03/26 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*40 - 140*	*02/02/26 12:13*	*02/03/26 22:53*	*1*
2-Fluorobiphenyl (Surr)	*94*		*40 - 140*	*02/02/26 12:13*	*02/03/26 22:53*	*1*
2-Fluorophenol (Surr)	*103*		*40 - 140*	*02/02/26 12:13*	*02/03/26 22:53*	*1*
Nitrobenzene-d5 (Surr)	*106*		*40 - 140*	*02/02/26 12:13*	*02/03/26 22:53*	*1*
Phenol-d5 (Surr)	*97*		*40 - 140*	*02/02/26 12:13*	*02/03/26 22:53*	*1*
Terphenyl-d14 (Surr)	*117*		*40 - 140*	*02/02/26 12:13*	*02/03/26 22:53*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.02**	**J**	3.14	0.911	mg/Kg	☼		02/02/26 21:01	1
Sulfate	**18.4**		12.6	12.3	mg/Kg	☼		02/02/26 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.647	0.148	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Arsenic	**0.233**	**J**	0.388	0.0346	mg/Kg	☼	01/30/26 09:38	02/05/26 21:06	5
Barium	**10.7**	**B**	1.62	0.00915	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Beryllium	**0.0703**	**J**	0.323	0.0227	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Cadmium	**0.0248**	**J**	0.323	0.0105	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Chromium	**6.32**		0.647	0.133	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Cobalt	**2.47**		0.485	0.0183	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Copper	**3.13**		0.323	0.0336	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Lead	**4.09**		0.323	0.0382	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Manganese	**54.6**	**B**	0.647	0.0398	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Nickel	**4.97**		0.647	0.0169	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Selenium	**0.154**	**J**	1.62	0.115	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Silver	**0.148**	**J B**	0.162	0.00188	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Thallium	ND		0.453	0.0273	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Vanadium	**14.0**		0.647	0.0812	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5
Zinc	**13.7**		1.62	1.34	mg/Kg	☼	01/30/26 09:38	02/01/26 17:58	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.114	0.0167	mg/Kg	☼	02/03/26 13:35	02/04/26 13:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND	F1	1.23	0.123	mg/Kg	☼	02/03/26 10:00	02/03/26 20:37	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.67**		1.25	0.399	mg/Kg	☼		02/04/26 12:00	1

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-2
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00992	J	0.0122	0.00584	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Benzene	ND		0.00243	0.000326	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Bromobenzene	ND		0.00243	0.000632	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Chlorobromomethane	ND		0.00243	0.000394	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Dichlorobromomethane	ND		0.00243	0.000447	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Bromoform	ND		0.00243	0.000632	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Bromomethane	ND		0.00243	0.00122	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
2-Butanone (MEK)	ND		0.0122	0.00292	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
n-Butylbenzene	ND		0.00243	0.000467	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
sec-Butylbenzene	ND		0.00243	0.000462	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
tert-Butylbenzene	ND		0.00243	0.000535	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Carbon disulfide	ND		0.00243	0.00123	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Carbon tetrachloride	ND		0.00243	0.000827	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Chlorobenzene	ND		0.00243	0.000642	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Chloroethane	ND		0.00243	0.00160	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Chloroform	ND		0.00243	0.000661	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Chloromethane	ND		0.00243	0.00107	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
2-Chlorotoluene	ND		0.00243	0.000807	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
4-Chlorotoluene	ND		0.00243	0.000477	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Chlorodibromomethane	ND		0.00243	0.000584	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2-Dibromo-3-Chloropropane	ND		0.00243	0.00160	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Ethylene Dibromide	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Dibromomethane	ND		0.00243	0.000404	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2-Dichlorobenzene	ND		0.00243	0.000773	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,3-Dichlorobenzene	ND		0.00243	0.000462	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,4-Dichlorobenzene	ND		0.00243	0.000418	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
trans-1,4-Dichloro-2-butene	ND		0.00243	0.00122	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1-Dichloroethane	ND		0.00243	0.000404	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2-Dichloroethane	ND		0.00243	0.000895	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
cis-1,2-Dichloroethene	ND		0.00243	0.000370	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
trans-1,2-Dichloroethene	ND		0.00243	0.000467	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1-Dichloroethene	ND		0.00243	0.00102	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2-Dichloropropane	ND		0.00243	0.000370	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,3-Dichloropropane	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
2,2-Dichloropropane	ND		0.00243	0.000535	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1-Dichloropropene	ND		0.00243	0.000404	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
cis-1,3-Dichloropropene	ND		0.00243	0.000584	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
trans-1,3-Dichloropropene	ND		0.00243	0.000535	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Ethylbenzene	ND		0.00243	0.000297	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Hexachlorobutadiene	ND		0.00243	0.00122	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
2-Hexanone	ND		0.0122	0.00243	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Iodomethane	ND		0.00243	0.00165	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Isopropylbenzene	ND		0.00243	0.000331	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
4-Isopropyltoluene	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Methylene Chloride	ND		0.00730	0.00486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.0122	0.00653	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Methyl tert-butyl ether	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Naphthalene	ND		0.00243	0.00146	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
N-Propylbenzene	ND		0.00243	0.000438	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1

Client Sample ID: 825-SED-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-2
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1,1,2-Tetrachloroethane	ND		0.00243	0.000535	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1,2,2-Tetrachloroethane	ND		0.00243	0.000837	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Tetrachloroethene	ND		0.00243	0.00146	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Toluene	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2,3-Trichlorobenzene	ND		0.00243	0.000535	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2,4-Trichlorobenzene	ND		0.00243	0.000978	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1,1-Trichloroethane	ND		0.00243	0.000535	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1,2-Trichloroethane	ND		0.00243	0.000783	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Trichloroethene	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Trichlorofluoromethane	ND		0.00243	0.00118	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2,3-Trichloropropane	ND		0.00243	0.00101	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00243	0.000914	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,2,4-Trimethylbenzene	ND		0.00243	0.000486	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
1,3,5-Trimethylbenzene	ND		0.00243	0.000404	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Vinyl acetate	ND		0.0122	0.00310	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Vinyl chloride	ND		0.00243	0.00106	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
o-Xylene	ND		0.00243	0.00146	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
m-Xylene & p-Xylene	ND		0.00243	0.00146	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Xylenes, Total	ND		0.00486	0.00292	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Isopropyl ether	ND		0.00243	0.000671	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Hexane	ND		0.00243	0.00126	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
n-Heptane	ND		0.00243	0.00141	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1
Ethyl acetate	ND		0.00973	0.00243	mg/Kg	☼	02/06/26 12:10	02/06/26 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:21*	*1*
Dibromofluoromethane	*102*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:21*	*1*
Toluene-d8 (Surr)	*98*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:21*	*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	0.00188		0.00144	0.00144	mg/Kg	☼	02/03/26 10:06	02/05/26 10:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*47*		*10 - 150*	*02/03/26 10:06*	*02/05/26 10:02*	*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		0.386	0.0112	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,4,5-Trichlorophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,4,6-Trichlorophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,4-Dichlorophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,4-Dimethylphenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,4-Dinitrophenol	ND		1.16	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,4-Dinitrotoluene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2,6-Dinitrotoluene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2-Chloronaphthalene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2-Chlorophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2-Methylnaphthalene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-2
Date Collected: 01/27/26 12:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-2
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2-Nitroaniline	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
2-Nitrophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
3 & 4 Methylphenol	ND		0.773	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
3,3'-Dichlorobenzidine	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
3-Nitroaniline	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4,6-Dinitro-2-methylphenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4-Bromophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4-Chloro-3-methylphenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4-Chloroaniline	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4-Chlorophenyl phenyl ether	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4-Nitroaniline	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
4-Nitrophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Acenaphthene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Acenaphthylene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Acetophenone	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Anthracene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Atrazine	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Benzaldehyde	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Benzo[a]anthracene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Benzo[a]pyrene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Benzo[b]fluoranthene	ND		0.386	0.00164	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Benzo[g,h,i]perylene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Benzo[k]fluoranthene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
bis (2-chloroisopropyl) ether	ND	*+	0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Bis(2-chloroethoxy)methane	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Bis(2-chloroethyl)ether	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Bis(2-ethylhexyl) phthalate	ND		0.386	0.117	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Butyl benzyl phthalate	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Caprolactam	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Carbazole	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Chrysene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Dibenz(a,h)anthracene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Dibenzofuran	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Diethyl phthalate	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Dimethyl phthalate	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Di-n-butyl phthalate	ND		1.16	0.351	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Di-n-octyl phthalate	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Fluoranthene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Fluorene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Hexachlorobenzene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Hexachlorobutadiene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Hexachlorocyclopentadiene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Hexachloroethane	ND	*+	0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Indeno[1,2,3-cd]pyrene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Isophorone	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Naphthalene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Nitrobenzene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
N-Nitrosodi-n-propylamine	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1

Client Sample ID: 825-SED-2
Lab Sample ID: 752-41379-2
Date Collected: 01/27/26 12:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Pentachlorophenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Phenanthrene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Phenol	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1
Pyrene	ND		0.386	0.0386	mg/Kg	☼	02/02/26 12:13	02/03/26 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:24*	*1*
2-Fluorobiphenyl (Surr)	*104*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:24*	*1*
2-Fluorophenol (Surr)	*111*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:24*	*1*
Nitrobenzene-d5 (Surr)	*110*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:24*	*1*
Phenol-d5 (Surr)	*105*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:24*	*1*
Terphenyl-d14 (Surr)	*114*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:24*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.972**	**J**	3.03	0.880	mg/Kg	☼		02/02/26 22:10	1
Sulfate	ND		12.1	11.9	mg/Kg	☼		02/02/26 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.619	0.141	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Arsenic	**0.561**		0.371	0.0331	mg/Kg	☼	01/30/26 09:38	02/05/26 21:28	5
Barium	**77.5**	**B**	1.55	0.00876	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Beryllium	**0.395**		0.310	0.0217	mg/Kg	☼	01/30/26 09:38	02/05/26 21:28	5
Cadmium	**0.0744**	**J**	0.310	0.0101	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Chromium	**17.4**		0.619	0.128	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Cobalt	**2.49**		0.464	0.0175	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Copper	**5.31**		0.310	0.0322	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Lead	**5.16**		0.310	0.0365	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Manganese	**67.1**	**B**	0.619	0.0381	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Nickel	**5.01**		0.619	0.0162	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Selenium	**0.794**	**J**	1.55	0.110	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Silver	**0.0169**	**J B**	0.155	0.00180	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Thallium	**0.0427**	**J**	0.433	0.0261	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Vanadium	**13.8**		0.619	0.0777	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5
Zinc	**7.88**		1.55	1.28	mg/Kg	☼	01/30/26 09:38	02/01/26 18:01	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0190**	**J**	0.111	0.0162	mg/Kg	☼	02/03/26 13:35	02/04/26 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.483**	**J**	1.21	0.121	mg/Kg	☼	02/03/26 10:00	02/03/26 21:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.21	0.386	mg/Kg	☼		02/04/26 12:03	1

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: 825-SED-3
Lab Sample ID: 752-41379-3
Date Collected: 01/27/26 13:30
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 74.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0111		0.00916	0.00440	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Benzene	ND		0.00183	0.000246	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Bromobenzene	ND		0.00183	0.000477	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Chlorobromomethane	ND		0.00183	0.000297	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Dichlorobromomethane	ND		0.00183	0.000337	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Bromoform	ND		0.00183	0.000477	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Bromomethane	ND		0.00183	0.000916	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
2-Butanone (MEK)	ND		0.00916	0.00220	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
n-Butylbenzene	ND		0.00183	0.000352	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
sec-Butylbenzene	ND		0.00183	0.000348	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
tert-Butylbenzene	ND		0.00183	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Carbon disulfide	ND		0.00183	0.000927	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Carbon tetrachloride	ND		0.00183	0.000623	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Chlorobenzene	ND		0.00183	0.000484	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Chloroethane	ND		0.00183	0.00121	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Chloroform	ND		0.00183	0.000499	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Chloromethane	ND		0.00183	0.000810	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
2-Chlorotoluene	ND		0.00183	0.000609	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
4-Chlorotoluene	ND		0.00183	0.000359	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Chlorodibromomethane	ND		0.00183	0.000440	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2-Dibromo-3-Chloropropane	ND		0.00183	0.00121	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Ethylene Dibromide	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Dibromomethane	ND		0.00183	0.000304	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2-Dichlorobenzene	ND		0.00183	0.000583	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,3-Dichlorobenzene	ND		0.00183	0.000348	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,4-Dichlorobenzene	ND		0.00183	0.000315	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
trans-1,4-Dichloro-2-butene	ND		0.00183	0.000916	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1-Dichloroethane	ND		0.00183	0.000304	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2-Dichloroethane	ND		0.00183	0.000674	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
cis-1,2-Dichloroethene	ND		0.00183	0.000279	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
trans-1,2-Dichloroethene	ND		0.00183	0.000352	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1-Dichloroethene	ND		0.00183	0.000770	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2-Dichloropropane	ND		0.00183	0.000279	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,3-Dichloropropane	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
2,2-Dichloropropane	ND		0.00183	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1-Dichloropropene	ND		0.00183	0.000304	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
cis-1,3-Dichloropropene	ND		0.00183	0.000440	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
trans-1,3-Dichloropropene	ND		0.00183	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Ethylbenzene	ND		0.00183	0.000224	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Hexachlorobutadiene	ND		0.00183	0.000916	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
2-Hexanone	ND		0.00916	0.00183	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Iodomethane	ND		0.00183	0.00125	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Isopropylbenzene	ND		0.00183	0.000249	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
4-Isopropyltoluene	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Methylene Chloride	ND		0.00550	0.00367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.00916	0.00492	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Methyl tert-butyl ether	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Naphthalene	ND		0.00183	0.00110	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
N-Propylbenzene	ND		0.00183	0.000330	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1

Client Sample ID: 825-SED-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-3
Matrix: Solid
Percent Solids: 74.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1,1,2-Tetrachloroethane	ND		0.00183	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1,2,2-Tetrachloroethane	ND		0.00183	0.000630	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Tetrachloroethene	ND		0.00183	0.00110	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Toluene	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2,3-Trichlorobenzene	ND		0.00183	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2,4-Trichlorobenzene	ND		0.00183	0.000737	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1,1-Trichloroethane	ND		0.00183	0.000403	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1,2-Trichloroethane	ND		0.00183	0.000590	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Trichloroethene	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Trichlorofluoromethane	ND		0.00183	0.000887	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2,3-Trichloropropane	ND		0.00183	0.000762	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00183	0.000689	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,2,4-Trimethylbenzene	ND		0.00183	0.000367	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
1,3,5-Trimethylbenzene	ND		0.00183	0.000304	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Vinyl acetate	ND		0.00916	0.00234	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Vinyl chloride	ND		0.00183	0.000799	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
o-Xylene	ND		0.00183	0.00110	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
m-Xylene & p-Xylene	ND		0.00183	0.00110	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Xylenes, Total	ND		0.00367	0.00220	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Isopropyl ether	ND		0.00183	0.000506	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Hexane	ND		0.00183	0.000953	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
n-Heptane	ND		0.00183	0.00106	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1
Ethyl acetate	ND		0.00733	0.00183	mg/Kg	☼	02/06/26 12:10	02/06/26 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:46*	*1*
Dibromofluoromethane	*102*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:46*	*1*
Toluene-d8 (Surr)	*99*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*50 - 150*	*02/06/26 12:10*	*02/06/26 20:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00245**		0.00158	0.00158	mg/Kg	☼	02/03/26 10:06	02/05/26 13:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*02/03/26 10:06*	*02/05/26 13:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.428	0.0124	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,4,5-Trichlorophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,4,6-Trichlorophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,4-Dichlorophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,4-Dimethylphenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,4-Dinitrophenol	ND		1.28	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,4-Dinitrotoluene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2,6-Dinitrotoluene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2-Chloronaphthalene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2-Chlorophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2-Methylnaphthalene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-3
Matrix: Solid
Percent Solids: 74.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2-Nitroaniline	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
2-Nitrophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
3 & 4 Methylphenol	ND		0.856	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
3,3'-Dichlorobenzidine	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
3-Nitroaniline	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4,6-Dinitro-2-methylphenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4-Bromophenyl phenyl ether	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4-Chloro-3-methylphenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4-Chloroaniline	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4-Chlorophenyl phenyl ether	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4-Nitroaniline	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
4-Nitrophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Acenaphthene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Acenaphthylene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Acetophenone	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Anthracene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Atrazine	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Benzaldehyde	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Benzo[a]anthracene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Benzo[a]pyrene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Benzo[b]fluoranthene	**0.0156**	**J**	0.428	0.00182	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Benzo[g,h,i]perylene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Benzo[k]fluoranthene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
bis (2-chloroisopropyl) ether	ND	*+	0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Bis(2-chloroethoxy)methane	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Bis(2-chloroethyl)ether	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Bis(2-ethylhexyl) phthalate	ND		0.428	0.130	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Butyl benzyl phthalate	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Caprolactam	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Carbazole	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Chrysene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Dibenz(a,h)anthracene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Dibenzofuran	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Diethyl phthalate	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Dimethyl phthalate	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Di-n-butyl phthalate	ND		1.28	0.389	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Di-n-octyl phthalate	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Fluoranthene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Fluorene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Hexachlorobenzene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Hexachlorobutadiene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Hexachlorocyclopentadiene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Hexachloroethane	ND	*+	0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Indeno[1,2,3-cd]pyrene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Isophorone	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Naphthalene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Nitrobenzene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
N-Nitrosodi-n-propylamine	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1

Client Sample ID: 825-SED-3
Date Collected: 01/27/26 13:30
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-3
Matrix: Solid
Percent Solids: 74.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Pentachlorophenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Phenanthrene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Phenol	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1
Pyrene	ND		0.428	0.0428	mg/Kg	☼	02/02/26 12:13	02/03/26 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:55*	*1*
2-Fluorobiphenyl (Surr)	*83*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:55*	*1*
2-Fluorophenol (Surr)	*89*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:55*	*1*
Nitrobenzene-d5 (Surr)	*90*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:55*	*1*
Phenol-d5 (Surr)	*83*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:55*	*1*
Terphenyl-d14 (Surr)	*98*		*40 - 140*	*02/02/26 12:13*	*02/03/26 23:55*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.10**	**J**	3.34	0.970	mg/Kg	☼		02/02/26 22:22	1
Sulfate	**15.7**		13.4	13.1	mg/Kg	☼		02/02/26 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	0.684	0.156	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Arsenic	**1.23**		0.410	0.0366	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Barium	**41.6**	**B**	1.71	0.00968	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Beryllium	**0.228**	**J F1**	0.342	0.0240	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Cadmium	**0.0643**	**J**	0.342	0.0111	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Chromium	**15.2**	**F1**	0.684	0.141	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Cobalt	**6.62**		0.513	0.0194	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Copper	**8.87**		0.342	0.0356	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Lead	**11.1**		0.342	0.0403	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Manganese	**105**	**B**	0.684	0.0421	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Nickel	**8.62**		0.684	0.0179	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Selenium	**0.620**	**J F1**	1.71	0.121	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Silver	**0.177**	**B**	0.171	0.00198	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Thallium	**0.0581**	**J**	0.479	0.0288	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Vanadium	**21.1**		0.684	0.0858	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5
Zinc	**18.8**		1.71	1.42	mg/Kg	☼	01/30/26 09:38	02/01/26 17:45	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.123	0.0179	mg/Kg	☼	02/03/26 13:35	02/04/26 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.232**	**J**	1.31	0.131	mg/Kg	☼	02/03/26 10:00	02/03/26 21:53	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**0.861**	**J**	1.30	0.417	mg/Kg	☼		02/04/26 12:06	1

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-4
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-4
Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00469	J	0.00975	0.00468	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Benzene	ND		0.00195	0.000261	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Bromobenzene	ND		0.00195	0.000507	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Chlorobromomethane	ND		0.00195	0.000316	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Dichlorobromomethane	ND		0.00195	0.000359	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Bromoform	ND		0.00195	0.000507	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Bromomethane	ND		0.00195	0.000975	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
2-Butanone (MEK)	ND		0.00975	0.00234	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
n-Butylbenzene	ND		0.00195	0.000374	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
sec-Butylbenzene	ND		0.00195	0.000370	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
tert-Butylbenzene	ND		0.00195	0.000429	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Carbon disulfide	ND		0.00195	0.000986	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Carbon tetrachloride	ND		0.00195	0.000663	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Chlorobenzene	ND		0.00195	0.000515	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Chloroethane	ND		0.00195	0.00129	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Chloroform	ND		0.00195	0.000530	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Chloromethane	ND		0.00195	0.000862	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
2-Chlorotoluene	ND		0.00195	0.000647	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
4-Chlorotoluene	ND		0.00195	0.000382	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Chlorodibromomethane	ND		0.00195	0.000468	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2-Dibromo-3-Chloropropane	ND		0.00195	0.00129	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Ethylene Dibromide	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Dibromomethane	ND		0.00195	0.000324	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2-Dichlorobenzene	ND		0.00195	0.000620	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,3-Dichlorobenzene	ND		0.00195	0.000370	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,4-Dichlorobenzene	ND		0.00195	0.000335	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
trans-1,4-Dichloro-2-butene	ND		0.00195	0.000975	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1-Dichloroethane	ND		0.00195	0.000324	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2-Dichloroethane	ND		0.00195	0.000717	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
cis-1,2-Dichloroethene	ND		0.00195	0.000296	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
trans-1,2-Dichloroethene	ND		0.00195	0.000374	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1-Dichloroethene	ND		0.00195	0.000819	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2-Dichloropropane	ND		0.00195	0.000296	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,3-Dichloropropane	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
2,2-Dichloropropane	ND		0.00195	0.000429	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1-Dichloropropene	ND		0.00195	0.000324	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
cis-1,3-Dichloropropene	ND		0.00195	0.000468	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
trans-1,3-Dichloropropene	ND		0.00195	0.000429	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Ethylbenzene	ND		0.00195	0.000238	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Hexachlorobutadiene	ND		0.00195	0.000975	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
2-Hexanone	ND		0.00975	0.00195	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Iodomethane	ND		0.00195	0.00133	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Isopropylbenzene	ND		0.00195	0.000265	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
4-Isopropyltoluene	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Methylene Chloride	ND		0.00585	0.00390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.00975	0.00524	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Methyl tert-butyl ether	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Naphthalene	ND		0.00195	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
N-Propylbenzene	ND		0.00195	0.000351	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1

Client Sample ID: 825-SED-4
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-4
Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1,1,2-Tetrachloroethane	ND		0.00195	0.000429	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1,2,2-Tetrachloroethane	ND		0.00195	0.000670	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Tetrachloroethene	ND		0.00195	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Toluene	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2,3-Trichlorobenzene	ND		0.00195	0.000429	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2,4-Trichlorobenzene	ND		0.00195	0.000784	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1,1-Trichloroethane	ND		0.00195	0.000429	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1,2-Trichloroethane	ND		0.00195	0.000628	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Trichloroethene	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Trichlorofluoromethane	ND		0.00195	0.000943	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2,3-Trichloropropane	ND		0.00195	0.000811	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00195	0.000733	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,2,4-Trimethylbenzene	ND		0.00195	0.000390	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
1,3,5-Trimethylbenzene	ND		0.00195	0.000324	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Vinyl acetate	ND		0.00975	0.00249	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Vinyl chloride	ND		0.00195	0.000850	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
o-Xylene	ND		0.00195	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
m-Xylene & p-Xylene	ND		0.00195	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Xylenes, Total	ND		0.00390	0.00234	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Isopropyl ether	ND		0.00195	0.000538	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Hexane	ND		0.00195	0.00101	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
n-Heptane	ND		0.00195	0.00113	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1
Ethyl acetate	ND		0.00780	0.00195	mg/Kg	☼	02/06/26 12:10	02/06/26 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:11*	*1*
Dibromofluoromethane	*103*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:11*	*1*
Toluene-d8 (Surr)	*97*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00190**		0.00145	0.00145	mg/Kg	☼	02/03/26 10:06	02/05/26 13:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*02/03/26 10:06*	*02/05/26 13:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.397	0.0115	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,4,5-Trichlorophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,4,6-Trichlorophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,4-Dichlorophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,4-Dimethylphenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,4-Dinitrophenol	ND		1.19	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,4-Dinitrotoluene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2,6-Dinitrotoluene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2-Chloronaphthalene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2-Chlorophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2-Methylnaphthalene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1

Client Sample ID: 825-SED-4
Lab Sample ID: 752-41379-4
Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2-Nitroaniline	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
2-Nitrophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
3 & 4 Methylphenol	ND		0.793	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
3,3'-Dichlorobenzidine	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
3-Nitroaniline	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4,6-Dinitro-2-methylphenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4-Bromophenyl phenyl ether	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4-Chloro-3-methylphenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4-Chloroaniline	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4-Chlorophenyl phenyl ether	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4-Nitroaniline	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
4-Nitrophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Acenaphthene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Acenaphthylene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Acetophenone	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Anthracene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Atrazine	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Benzaldehyde	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Benzo[a]anthracene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Benzo[a]pyrene	**0.0425**	**J**	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Benzo[b]fluoranthene	**0.0746**	**J**	0.397	0.00168	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Benzo[g,h,i]perylene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Benzo[k]fluoranthene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
bis (2-chloroisopropyl) ether	ND	*+	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Bis(2-chloroethoxy)methane	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Bis(2-chloroethyl)ether	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Bis(2-ethylhexyl) phthalate	ND		0.397	0.120	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Butyl benzyl phthalate	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Caprolactam	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Carbazole	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Chrysene	**0.0509**	**J**	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Dibenz(a,h)anthracene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Dibenzofuran	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Diethyl phthalate	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Dimethyl phthalate	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Di-n-butyl phthalate	ND		1.19	0.361	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Di-n-octyl phthalate	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Fluoranthene	**0.0987**	**J**	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Fluorene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Hexachlorobenzene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Hexachlorobutadiene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Hexachlorocyclopentadiene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Hexachloroethane	ND	*+	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Indeno[1,2,3-cd]pyrene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Isophorone	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Naphthalene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Nitrobenzene	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
N-Nitrosodi-n-propylamine	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1

Client Sample ID: 825-SED-4

Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-4

Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Pentachlorophenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Phenanthrene	**0.0470**	**J**	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Phenol	ND		0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1
Pyrene	**0.0775**	**J**	0.397	0.0397	mg/Kg	☼	02/02/26 13:39	02/04/26 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*40 - 140*	*02/02/26 13:39*	*02/04/26 14:32*	*1*
2-Fluorobiphenyl (Surr)	*94*		*40 - 140*	*02/02/26 13:39*	*02/04/26 14:32*	*1*
2-Fluorophenol (Surr)	*105*		*40 - 140*	*02/02/26 13:39*	*02/04/26 14:32*	*1*
Nitrobenzene-d5 (Surr)	*111*		*40 - 140*	*02/02/26 13:39*	*02/04/26 14:32*	*1*
Phenol-d5 (Surr)	*109*		*40 - 140*	*02/02/26 13:39*	*02/04/26 14:32*	*1*
Terphenyl-d14 (Surr)	*106*		*40 - 140*	*02/02/26 13:39*	*02/04/26 14:32*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.00**	**J**	3.17	0.920	mg/Kg	☼		02/02/26 22:33	1
Sulfate	**30.2**		12.7	12.4	mg/Kg	☼		02/02/26 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.640	0.146	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Arsenic	**0.377**	**J**	0.384	0.0343	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Barium	**9.69**	**B**	1.60	0.00906	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Beryllium	**0.0862**	**J**	0.320	0.0224	mg/Kg	☼	01/30/26 09:38	02/05/26 21:31	5
Cadmium	**0.0217**	**J**	0.320	0.0104	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Chromium	**8.48**		0.640	0.132	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Cobalt	**2.06**		0.480	0.0181	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Copper	**2.72**		0.320	0.0333	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Lead	**3.28**		0.320	0.0378	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Manganese	**25.0**	**B**	0.640	0.0394	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Nickel	**3.36**		0.640	0.0167	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Selenium	**0.125**	**J**	1.60	0.114	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Silver	**0.213**	**B**	0.160	0.00186	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Thallium	ND		0.448	0.0270	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Vanadium	**7.41**		0.640	0.0804	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5
Zinc	**14.6**		1.60	1.33	mg/Kg	☼	01/30/26 09:38	02/01/26 18:23	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.116	0.0169	mg/Kg	☼	02/03/26 13:35	02/04/26 13:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.15	0.115	mg/Kg	☼	02/03/26 10:00	02/03/26 22:06	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.25	0.399	mg/Kg	☼		02/04/26 12:19	1

Client Sample ID: 825-SED-5
Date Collected: 01/27/26 15:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-5
Matrix: Solid
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00885	J	0.00978	0.00469	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Benzene	ND		0.00196	0.000262	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Bromobenzene	ND		0.00196	0.000508	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Chlorobromomethane	ND		0.00196	0.000317	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Dichlorobromomethane	ND		0.00196	0.000360	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Bromoform	ND		0.00196	0.000508	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Bromomethane	ND		0.00196	0.000978	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
2-Butanone (MEK)	ND		0.00978	0.00235	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
n-Butylbenzene	ND		0.00196	0.000375	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
sec-Butylbenzene	ND		0.00196	0.000372	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
tert-Butylbenzene	ND		0.00196	0.000430	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Carbon disulfide	ND		0.00196	0.000989	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Carbon tetrachloride	ND		0.00196	0.000665	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Chlorobenzene	ND		0.00196	0.000516	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Chloroethane	ND		0.00196	0.00129	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Chloroform	ND		0.00196	0.000532	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Chloromethane	ND		0.00196	0.000864	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
2-Chlorotoluene	ND		0.00196	0.000649	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
4-Chlorotoluene	ND		0.00196	0.000383	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Chlorodibromomethane	ND		0.00196	0.000469	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2-Dibromo-3-Chloropropane	ND		0.00196	0.00129	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Ethylene Dibromide	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Dibromomethane	ND		0.00196	0.000325	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2-Dichlorobenzene	ND		0.00196	0.000622	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,3-Dichlorobenzene	ND		0.00196	0.000372	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,4-Dichlorobenzene	ND		0.00196	0.000336	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
trans-1,4-Dichloro-2-butene	ND		0.00196	0.000978	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1-Dichloroethane	ND		0.00196	0.000325	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2-Dichloroethane	ND		0.00196	0.000720	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
cis-1,2-Dichloroethene	ND		0.00196	0.000297	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
trans-1,2-Dichloroethene	ND		0.00196	0.000375	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1-Dichloroethene	ND		0.00196	0.000821	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2-Dichloropropane	ND		0.00196	0.000297	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,3-Dichloropropane	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
2,2-Dichloropropane	ND		0.00196	0.000430	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1-Dichloropropene	ND		0.00196	0.000325	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
cis-1,3-Dichloropropene	ND		0.00196	0.000469	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
trans-1,3-Dichloropropene	ND		0.00196	0.000430	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Ethylbenzene	ND		0.00196	0.000239	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Hexachlorobutadiene	ND		0.00196	0.000978	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
2-Hexanone	ND		0.00978	0.00196	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Iodomethane	ND		0.00196	0.00133	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Isopropylbenzene	ND		0.00196	0.000266	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
4-Isopropyltoluene	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Methylene Chloride	ND		0.00587	0.00391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.00978	0.00525	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Methyl tert-butyl ether	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Naphthalene	ND		0.00196	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
N-Propylbenzene	ND		0.00196	0.000352	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1

Client Sample ID: 825-SED-5
Date Collected: 01/27/26 15:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-5
Matrix: Solid
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1,1,2-Tetrachloroethane	ND		0.00196	0.000430	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1,2,2-Tetrachloroethane	ND		0.00196	0.000673	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Tetrachloroethene	ND		0.00196	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Toluene	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2,3-Trichlorobenzene	ND		0.00196	0.000430	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2,4-Trichlorobenzene	ND		0.00196	0.000786	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1,1-Trichloroethane	ND		0.00196	0.000430	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1,2-Trichloroethane	ND		0.00196	0.000630	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Trichloroethene	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Trichlorofluoromethane	ND		0.00196	0.000946	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2,3-Trichloropropane	ND		0.00196	0.000813	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00196	0.000735	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,2,4-Trimethylbenzene	ND		0.00196	0.000391	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
1,3,5-Trimethylbenzene	ND		0.00196	0.000325	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Vinyl acetate	ND		0.00978	0.00250	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Vinyl chloride	ND		0.00196	0.000853	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
o-Xylene	ND		0.00196	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
m-Xylene & p-Xylene	ND		0.00196	0.00117	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Xylenes, Total	ND		0.00391	0.00235	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Isopropyl ether	ND		0.00196	0.000540	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Hexane	ND		0.00196	0.00102	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
n-Heptane	ND		0.00196	0.00113	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1
Ethyl acetate	ND		0.00782	0.00196	mg/Kg	☼	02/06/26 12:10	02/06/26 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:36*	*1*
Dibromofluoromethane	*106*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:36*	*1*
Toluene-d8 (Surr)	*97*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*50 - 150*	*02/06/26 12:10*	*02/06/26 21:36*	*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	**0.00205**		0.00157	0.00157	mg/Kg	☼	02/03/26 10:06	02/05/26 14:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*49*		*10 - 150*	*02/03/26 10:06*	*02/05/26 14:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.444	0.0129	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,4,5-Trichlorophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,4,6-Trichlorophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,4-Dichlorophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,4-Dimethylphenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,4-Dinitrophenol	ND		1.33	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,4-Dinitrotoluene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2,6-Dinitrotoluene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2-Chloronaphthalene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2-Chlorophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2-Methylnaphthalene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1

Client Sample ID: 825-SED-5
Lab Sample ID: 752-41379-5
Date Collected: 01/27/26 15:00
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2-Nitroaniline	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
2-Nitrophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
3 & 4 Methylphenol	ND		0.888	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
3,3'-Dichlorobenzidine	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
3-Nitroaniline	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4,6-Dinitro-2-methylphenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4-Bromophenyl phenyl ether	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4-Chloro-3-methylphenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4-Chloroaniline	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4-Chlorophenyl phenyl ether	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4-Nitroaniline	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
4-Nitrophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Acenaphthene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Acenaphthylene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Acetophenone	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Anthracene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Atrazine	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Benzaldehyde	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Benzo[a]anthracene	**0.0747**	**J**	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Benzo[a]pyrene	**0.0635**	**J**	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Benzo[b]fluoranthene	**0.106**	**J**	0.444	0.00188	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Benzo[g,h,i]perylene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Benzo[k]fluoranthene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
bis (2-chloroisopropyl) ether	ND	*+	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Bis(2-chloroethoxy)methane	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Bis(2-chloroethyl)ether	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Bis(2-ethylhexyl) phthalate	ND		0.444	0.135	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Butyl benzyl phthalate	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Caprolactam	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Carbazole	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Chrysene	**0.0865**	**J**	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Dibenz(a,h)anthracene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Dibenzofuran	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Diethyl phthalate	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Dimethyl phthalate	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Di-n-butyl phthalate	ND		1.33	0.404	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Di-n-octyl phthalate	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Fluoranthene	**0.171**	**J**	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Fluorene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Hexachlorobenzene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Hexachlorobutadiene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Hexachlorocyclopentadiene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Hexachloroethane	ND	*+	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Indeno[1,2,3-cd]pyrene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Isophorone	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Naphthalene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Nitrobenzene	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
N-Nitrosodi-n-propylamine	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1

Client Sample ID: 825-SED-5
Lab Sample ID: 752-41379-5

Date Collected: 01/27/26 15:00
Matrix: Solid

Date Received: 01/27/26 16:45
Percent Solids: 73.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Pentachlorophenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Phenanthrene	**0.0964**	**J**	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Phenol	ND		0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1
Pyrene	**0.152**	**J**	0.444	0.0444	mg/Kg	☼	02/02/26 13:39	02/04/26 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:03*	*1*
2-Fluorobiphenyl (Surr)	*86*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:03*	*1*
2-Fluorophenol (Surr)	*108*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:03*	*1*
Nitrobenzene-d5 (Surr)	*104*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:03*	*1*
Phenol-d5 (Surr)	*109*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:03*	*1*
Terphenyl-d14 (Surr)	*95*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:03*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.16**	**J**	3.40	0.987	mg/Kg	☼		02/02/26 22:45	1
Sulfate	ND		13.6	13.4	mg/Kg	☼		02/02/26 22:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.713	0.163	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Arsenic	**0.571**		0.428	0.0382	mg/Kg	☼	01/30/26 09:38	02/05/26 21:35	5
Barium	**48.1**	**B**	1.78	0.0101	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Beryllium	**0.318**	**J**	0.357	0.0250	mg/Kg	☼	01/30/26 09:38	02/05/26 21:35	5
Cadmium	**0.0709**	**J**	0.357	0.0116	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Chromium	**17.3**		0.713	0.147	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Cobalt	**6.71**		0.535	0.0202	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Copper	**7.95**		0.357	0.0371	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Lead	**10.4**		0.357	0.0421	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Manganese	**86.0**	**B**	0.713	0.0439	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Nickel	**7.08**		0.713	0.0187	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Selenium	**0.639**	**J**	1.78	0.127	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Silver	**0.118**	**J B**	0.178	0.00207	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Thallium	**0.0596**	**J**	0.499	0.0301	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Vanadium	**18.7**		0.713	0.0895	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5
Zinc	**13.5**		1.78	1.48	mg/Kg	☼	01/30/26 09:38	02/01/26 18:26	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0227**	**J**	0.124	0.0181	mg/Kg	☼	02/03/26 13:35	02/04/26 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.36	0.136	mg/Kg	☼	02/03/26 10:00	02/03/26 22:44	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	ND		1.33	0.425	mg/Kg	☼		02/04/26 12:21	1

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-6
Date Collected: 01/27/26 15:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-6
Matrix: Solid
Percent Solids: 72.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.00886**	**J**	0.00988	0.00474	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Benzene	**0.000362**	**J**	0.00198	0.000265	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Bromobenzene	ND		0.00198	0.000514	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Chlorobromomethane	ND		0.00198	0.000320	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Dichlorobromomethane	ND		0.00198	0.000363	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Bromoform	ND		0.00198	0.000514	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Bromomethane	ND		0.00198	0.000988	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
2-Butanone (MEK)	ND		0.00988	0.00237	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
n-Butylbenzene	ND		0.00198	0.000379	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
sec-Butylbenzene	ND		0.00198	0.000375	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
tert-Butylbenzene	ND		0.00198	0.000435	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Carbon disulfide	ND		0.00198	0.00100	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Carbon tetrachloride	ND		0.00198	0.000672	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Chlorobenzene	ND		0.00198	0.000522	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Chloroethane	ND		0.00198	0.00130	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Chloroform	ND		0.00198	0.000537	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Chloromethane	ND		0.00198	0.000873	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
2-Chlorotoluene	ND		0.00198	0.000656	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
4-Chlorotoluene	ND		0.00198	0.000387	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Chlorodibromomethane	ND		0.00198	0.000474	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2-Dibromo-3-Chloropropane	ND		0.00198	0.00130	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Ethylene Dibromide	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Dibromomethane	ND		0.00198	0.000328	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2-Dichlorobenzene	ND		0.00198	0.000628	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,3-Dichlorobenzene	ND		0.00198	0.000375	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,4-Dichlorobenzene	ND		0.00198	0.000340	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
trans-1,4-Dichloro-2-butene	ND		0.00198	0.000988	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1-Dichloroethane	ND		0.00198	0.000328	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2-Dichloroethane	ND		0.00198	0.000727	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
cis-1,2-Dichloroethene	ND		0.00198	0.000300	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
trans-1,2-Dichloroethene	ND		0.00198	0.000379	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1-Dichloroethene	ND		0.00198	0.000830	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2-Dichloropropane	ND		0.00198	0.000300	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,3-Dichloropropane	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
2,2-Dichloropropane	ND		0.00198	0.000435	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1-Dichloropropene	ND		0.00198	0.000328	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
cis-1,3-Dichloropropene	ND		0.00198	0.000474	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
trans-1,3-Dichloropropene	ND		0.00198	0.000435	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Ethylbenzene	ND		0.00198	0.000241	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Hexachlorobutadiene	ND		0.00198	0.000988	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
2-Hexanone	ND		0.00988	0.00198	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Iodomethane	ND		0.00198	0.00134	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Isopropylbenzene	ND		0.00198	0.000269	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
4-Isopropyltoluene	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Methylene Chloride	ND		0.00593	0.00395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.00988	0.00531	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Methyl tert-butyl ether	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Naphthalene	ND		0.00198	0.00119	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
N-Propylbenzene	ND		0.00198	0.000356	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1

Client Sample ID: 825-SED-6
Lab Sample ID: 752-41379-6
Date Collected: 01/27/26 15:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 72.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1,1,2-Tetrachloroethane	ND		0.00198	0.000435	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1,2,2-Tetrachloroethane	ND		0.00198	0.000680	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Tetrachloroethene	ND		0.00198	0.00119	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Toluene	**0.00116**	**J**	0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2,3-Trichlorobenzene	ND		0.00198	0.000435	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2,4-Trichlorobenzene	ND		0.00198	0.000794	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1,1-Trichloroethane	ND		0.00198	0.000435	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1,2-Trichloroethane	ND		0.00198	0.000636	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Trichloroethene	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Trichlorofluoromethane	ND		0.00198	0.000956	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2,3-Trichloropropane	ND		0.00198	0.000822	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00198	0.000743	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,2,4-Trimethylbenzene	ND		0.00198	0.000395	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
1,3,5-Trimethylbenzene	ND		0.00198	0.000328	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Vinyl acetate	ND		0.00988	0.00252	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Vinyl chloride	ND		0.00198	0.000861	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
o-Xylene	ND		0.00198	0.00119	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
m-Xylene & p-Xylene	ND		0.00198	0.00119	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Xylenes, Total	ND		0.00395	0.00237	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Isopropyl ether	ND		0.00198	0.000545	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Hexane	ND		0.00198	0.00103	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
n-Heptane	ND		0.00198	0.00114	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1
Ethyl acetate	ND		0.00790	0.00198	mg/Kg	☼	02/06/26 12:10	02/06/26 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:01*	*1*
Dibromofluoromethane	*98*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:01*	*1*
Toluene-d8 (Surr)	*104*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00209**		0.00159	0.00159	mg/Kg	☼	02/03/26 10:06	02/05/26 14:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*46*		*10 - 150*	*02/03/26 10:06*	*02/05/26 14:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.418	0.0121	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,4,5-Trichlorophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,4,6-Trichlorophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,4-Dichlorophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,4-Dimethylphenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,4-Dinitrophenol	ND		1.25	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,4-Dinitrotoluene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2,6-Dinitrotoluene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2-Chloronaphthalene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2-Chlorophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2-Methylnaphthalene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1

Client Sample ID: 825-SED-6
Lab Sample ID: 752-41379-6
Date Collected: 01/27/26 15:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 72.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2-Nitroaniline	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
2-Nitrophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
3 & 4 Methylphenol	ND		0.835	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
3,3'-Dichlorobenzidine	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
3-Nitroaniline	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4,6-Dinitro-2-methylphenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4-Bromophenyl phenyl ether	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4-Chloro-3-methylphenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4-Chloroaniline	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4-Chlorophenyl phenyl ether	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4-Nitroaniline	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
4-Nitrophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Acenaphthene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Acenaphthylene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Acetophenone	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Anthracene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Atrazine	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Benzaldehyde	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Benzo[a]anthracene	**0.0686**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Benzo[a]pyrene	**0.0802**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Benzo[b]fluoranthene	**0.137**	**J**	0.418	0.00177	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Benzo[g,h,i]perylene	**0.0848**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Benzo[k]fluoranthene	**0.0454**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
bis (2-chloroisopropyl) ether	ND	*+	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Bis(2-chloroethoxy)methane	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Bis(2-chloroethyl)ether	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Bis(2-ethylhexyl) phthalate	ND		0.418	0.127	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Butyl benzyl phthalate	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Caprolactam	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Carbazole	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Chrysene	**0.104**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Dibenz(a,h)anthracene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Dibenzofuran	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Diethyl phthalate	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Dimethyl phthalate	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Di-n-butyl phthalate	ND		1.25	0.380	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Di-n-octyl phthalate	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Fluoranthene	**0.163**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Fluorene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Hexachlorobenzene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Hexachlorobutadiene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Hexachlorocyclopentadiene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Hexachloroethane	ND	*+	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Indeno[1,2,3-cd]pyrene	**0.0755**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Isophorone	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Naphthalene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Nitrobenzene	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
N-Nitrosodi-n-propylamine	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1

Client Sample ID: 825-SED-6

Date Collected: 01/27/26 15:45
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-6

Matrix: Solid
Percent Solids: 72.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Pentachlorophenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Phenanthrene	**0.0525**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Phenol	ND		0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1
Pyrene	**0.134**	**J**	0.418	0.0418	mg/Kg	☼	02/02/26 13:39	02/04/26 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:33*	*1*
2-Fluorobiphenyl (Surr)	*114*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:33*	*1*
2-Fluorophenol (Surr)	*123*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:33*	*1*
Nitrobenzene-d5 (Surr)	*131*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:33*	*1*
Phenol-d5 (Surr)	*122*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:33*	*1*
Terphenyl-d14 (Surr)	*133*		*40 - 140*	*02/02/26 13:39*	*02/04/26 15:33*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.08**	**J**	3.45	1.00	mg/Kg	☼		02/02/26 22:57	1
Sulfate	**46.7**		13.8	13.6	mg/Kg	☼		02/02/26 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.707	0.162	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Arsenic	**0.733**		0.424	0.0378	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Barium	**14.8**	**B**	1.77	0.0100	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Beryllium	**0.131**	**J**	0.353	0.0248	mg/Kg	☼	01/30/26 09:38	02/05/26 21:38	5
Cadmium	**0.0286**	**J**	0.353	0.0115	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Chromium	**19.9**		0.707	0.146	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Cobalt	**3.27**		0.530	0.0200	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Copper	**3.60**		0.353	0.0368	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Lead	**3.88**		0.353	0.0417	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Manganese	**34.8**	**B**	0.707	0.0435	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Nickel	**5.35**		0.707	0.0185	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Selenium	**0.185**	**J**	1.77	0.125	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Silver	**0.203**	**B**	0.177	0.00205	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Thallium	ND		0.495	0.0298	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Vanadium	**12.1**		0.707	0.0887	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5
Zinc	**19.3**		1.77	1.47	mg/Kg	☼	01/30/26 09:38	02/01/26 18:30	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.127	0.0185	mg/Kg	☼	02/03/26 13:35	02/04/26 13:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	ND		1.34	0.134	mg/Kg	☼	02/03/26 10:00	02/03/26 22:56	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	☼		02/04/26 12:24	1

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: 825-SED-DUP
Lab Sample ID: 752-41379-7
Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.00541	J	0.00680	0.00326	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Benzene	ND		0.00136	0.000182	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Bromobenzene	ND		0.00136	0.000354	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Chlorobromomethane	ND		0.00136	0.000220	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Dichlorobromomethane	ND		0.00136	0.000250	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Bromoform	ND		0.00136	0.000354	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Bromomethane	ND		0.00136	0.000680	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
2-Butanone (MEK)	ND		0.00680	0.00163	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
n-Butylbenzene	ND		0.00136	0.000261	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
sec-Butylbenzene	ND		0.00136	0.000258	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
tert-Butylbenzene	ND		0.00136	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Carbon disulfide	ND		0.00136	0.000688	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Carbon tetrachloride	ND		0.00136	0.000463	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Chlorobenzene	ND		0.00136	0.000359	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Chloroethane	ND		0.00136	0.000898	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Chloroform	ND		0.00136	0.000370	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Chloromethane	ND		0.00136	0.000601	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
2-Chlorotoluene	ND		0.00136	0.000452	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
4-Chlorotoluene	ND		0.00136	0.000267	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Chlorodibromomethane	ND		0.00136	0.000326	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2-Dibromo-3-Chloropropane	ND		0.00136	0.000898	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Ethylene Dibromide	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Dibromomethane	ND		0.00136	0.000226	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2-Dichlorobenzene	ND		0.00136	0.000433	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,3-Dichlorobenzene	ND		0.00136	0.000258	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,4-Dichlorobenzene	ND		0.00136	0.000234	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
trans-1,4-Dichloro-2-butene	ND		0.00136	0.000680	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1-Dichloroethane	ND		0.00136	0.000226	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2-Dichloroethane	ND		0.00136	0.000501	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
cis-1,2-Dichloroethene	ND		0.00136	0.000207	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
trans-1,2-Dichloroethene	ND		0.00136	0.000261	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1-Dichloroethene	ND		0.00136	0.000571	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2-Dichloropropane	ND		0.00136	0.000207	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,3-Dichloropropane	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
2,2-Dichloropropane	ND		0.00136	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1-Dichloropropene	ND		0.00136	0.000226	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
cis-1,3-Dichloropropene	ND		0.00136	0.000326	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
trans-1,3-Dichloropropene	ND		0.00136	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Ethylbenzene	ND		0.00136	0.000166	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Hexachlorobutadiene	ND		0.00136	0.000680	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
2-Hexanone	ND		0.00680	0.00136	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Iodomethane	ND		0.00136	0.000925	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Isopropylbenzene	ND		0.00136	0.000185	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
4-Isopropyltoluene	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Methylene Chloride	ND		0.00408	0.00272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.00680	0.00365	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Methyl tert-butyl ether	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Naphthalene	ND		0.00136	0.000816	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
N-Propylbenzene	ND		0.00136	0.000245	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1

Client Sample ID: 825-SED-DUP
Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-7
Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1,1,2-Tetrachloroethane	ND		0.00136	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1,2,2-Tetrachloroethane	ND		0.00136	0.000468	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Tetrachloroethene	ND		0.00136	0.000816	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Toluene	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2,3-Trichlorobenzene	ND		0.00136	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2,4-Trichlorobenzene	ND		0.00136	0.000547	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1,1-Trichloroethane	ND		0.00136	0.000299	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1,2-Trichloroethane	ND		0.00136	0.000438	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Trichloroethene	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Trichlorofluoromethane	ND		0.00136	0.000658	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2,3-Trichloropropane	ND		0.00136	0.000566	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00136	0.000511	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,2,4-Trimethylbenzene	ND		0.00136	0.000272	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
1,3,5-Trimethylbenzene	ND		0.00136	0.000226	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Vinyl acetate	ND		0.00680	0.00174	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Vinyl chloride	ND		0.00136	0.000593	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
o-Xylene	ND		0.00136	0.000816	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
m-Xylene & p-Xylene	ND		0.00136	0.000816	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Xylenes, Total	ND		0.00272	0.00163	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Isopropyl ether	ND		0.00136	0.000375	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Hexane	ND		0.00136	0.000707	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
n-Heptane	ND		0.00136	0.000786	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1
Ethyl acetate	ND		0.00544	0.00136	mg/Kg	☼	02/06/26 12:10	02/06/26 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:26*	*1*
Dibromofluoromethane	*101*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:26*	*1*
Toluene-d8 (Surr)	*97*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*50 - 150*	*02/06/26 12:10*	*02/06/26 22:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.00206**		0.00149	0.00149	mg/Kg	☼	02/03/26 10:06	02/05/26 14:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*02/03/26 10:06*	*02/05/26 14:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.365	0.0106	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,4,5-Trichlorophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,4,6-Trichlorophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,4-Dichlorophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,4-Dimethylphenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,4-Dinitrophenol	ND		1.09	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,4-Dinitrotoluene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2,6-Dinitrotoluene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2-Chloronaphthalene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2-Chlorophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2-Methylnaphthalene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1

Client Sample ID: 825-SED-DUP
Lab Sample ID: 752-41379-7
Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2-Nitroaniline	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
2-Nitrophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
3 & 4 Methylphenol	ND		0.729	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
3,3'-Dichlorobenzidine	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
3-Nitroaniline	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4,6-Dinitro-2-methylphenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4-Bromophenyl phenyl ether	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4-Chloro-3-methylphenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4-Chloroaniline	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4-Chlorophenyl phenyl ether	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4-Nitroaniline	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
4-Nitrophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Acenaphthene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Acenaphthylene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Acetophenone	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Anthracene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Atrazine	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Benzaldehyde	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Benzo[a]anthracene	**0.157**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Benzo[a]pyrene	**0.196**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Benzo[b]fluoranthene	**0.330**	**J**	0.365	0.00155	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Benzo[g,h,i]perylene	**0.182**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Benzo[k]fluoranthene	**0.0974**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
bis (2-chloroisopropyl) ether	ND	*+	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Bis(2-chloroethoxy)methane	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Bis(2-chloroethyl)ether	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Bis(2-ethylhexyl) phthalate	ND		0.365	0.110	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Butyl benzyl phthalate	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Caprolactam	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Carbazole	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Chrysene	**0.233**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Dibenz(a,h)anthracene	**0.0365**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Dibenzofuran	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Diethyl phthalate	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Dimethyl phthalate	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Di-n-butyl phthalate	ND		1.09	0.331	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Di-n-octyl phthalate	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Fluoranthene	**0.424**		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Fluorene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Hexachlorobenzene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Hexachlorobutadiene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Hexachlorocyclopentadiene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Hexachloroethane	ND	*+	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Indeno[1,2,3-cd]pyrene	**0.169**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Isophorone	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Naphthalene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Nitrobenzene	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
N-Nitrosodi-n-propylamine	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1

Client Sample ID: 825-SED-DUP

Date Collected: 01/27/26 14:15
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-7

Matrix: Solid
Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Pentachlorophenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Phenanthrene	**0.162**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Phenol	ND		0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1
Pyrene	**0.340**	**J**	0.365	0.0365	mg/Kg	☼	02/02/26 13:39	02/04/26 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*40 - 140*	*02/02/26 13:39*	*02/04/26 16:04*	*1*
2-Fluorobiphenyl (Surr)	*104*		*40 - 140*	*02/02/26 13:39*	*02/04/26 16:04*	*1*
2-Fluorophenol (Surr)	*114*		*40 - 140*	*02/02/26 13:39*	*02/04/26 16:04*	*1*
Nitrobenzene-d5 (Surr)	*121*		*40 - 140*	*02/02/26 13:39*	*02/04/26 16:04*	*1*
Phenol-d5 (Surr)	*115*		*40 - 140*	*02/02/26 13:39*	*02/04/26 16:04*	*1*
Terphenyl-d14 (Surr)	*124*		*40 - 140*	*02/02/26 13:39*	*02/04/26 16:04*	*1*

Method: SW846 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.983**	**J**	3.12	0.905	mg/Kg	☼		02/02/26 23:08	1
Sulfate	**25.5**		12.5	12.2	mg/Kg	☼		02/02/26 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.651	0.149	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Arsenic	**0.635**		0.390	0.0348	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Barium	**53.4**	**B**	1.63	0.00921	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Beryllium	**0.333**		0.325	0.0228	mg/Kg	☼	01/30/26 09:38	02/05/26 21:41	5
Cadmium	**0.0804**	**J**	0.325	0.0106	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Chromium	**13.4**		0.651	0.134	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Cobalt	**4.86**		0.488	0.0184	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Copper	**9.28**		0.325	0.0338	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Lead	**8.88**		0.325	0.0384	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Manganese	**55.0**	**B**	0.651	0.0400	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Nickel	**7.76**		0.651	0.0170	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Selenium	**0.749**	**J**	1.63	0.115	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Silver	**0.238**	**B**	0.163	0.00189	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Thallium	**0.0522**	**J**	0.455	0.0274	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Vanadium	**19.8**		0.651	0.0817	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5
Zinc	**18.6**		1.63	1.35	mg/Kg	☼	01/30/26 09:38	02/01/26 18:33	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.114	0.0167	mg/Kg	☼	02/03/26 13:35	02/04/26 13:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7199)	**0.524**	**J**	1.16	0.116	mg/Kg	☼	02/03/26 10:00	02/03/26 23:09	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N) (EPA 350.1)	**1.46**		1.24	0.396	mg/Kg	☼		02/04/26 12:27	1

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

Job ID: 752-41379-1

Client Sample ID: Trip Blank
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25.0	10.0	ug/L			02/06/26 19:20	1
Benzene	ND		1.00	0.500	ug/L			02/06/26 19:20	1
Bromobenzene	ND		1.00	0.540	ug/L			02/06/26 19:20	1
Bromoform	ND		5.00	0.250	ug/L			02/06/26 19:20	1
Bromomethane	ND		1.00	0.980	ug/L			02/06/26 19:20	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			02/06/26 19:20	1
Carbon disulfide	ND		1.00	0.500	ug/L			02/06/26 19:20	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			02/06/26 19:20	1
Chlorobenzene	ND		1.00	0.420	ug/L			02/06/26 19:20	1
Chlorobromomethane	ND		1.00	0.520	ug/L			02/06/26 19:20	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			02/06/26 19:20	1
Chloroethane	ND		1.00	0.760	ug/L			02/06/26 19:20	1
Chloroform	ND		1.00	0.900	ug/L			02/06/26 19:20	1
Chloromethane	ND		1.00	0.840	ug/L			02/06/26 19:20	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			02/06/26 19:20	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			02/06/26 19:20	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			02/06/26 19:20	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			02/06/26 19:20	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			02/06/26 19:20	1
Dibromomethane	ND		5.00	0.220	ug/L			02/06/26 19:20	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			02/06/26 19:20	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			02/06/26 19:20	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			02/06/26 19:20	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			02/06/26 19:20	1
Ethyl acetate	ND		10.0	6.14	ug/L			02/06/26 19:20	1
Ethylbenzene	ND		1.00	0.500	ug/L			02/06/26 19:20	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			02/06/26 19:20	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			02/06/26 19:20	1
Hexane	ND		1.00	0.960	ug/L			02/06/26 19:20	1
2-Hexanone	ND		25.0	9.10	ug/L			02/06/26 19:20	1
Iodomethane	ND		1.00	0.900	ug/L			02/06/26 19:20	1
Isopropylbenzene	ND		1.00	0.530	ug/L			02/06/26 19:20	1
Isopropyl ether	ND		1.00	0.740	ug/L			02/06/26 19:20	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			02/06/26 19:20	1
Methylene Chloride	ND		5.00	4.00	ug/L			02/06/26 19:20	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			02/06/26 19:20	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			02/06/26 19:20	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			02/06/26 19:20	1
Naphthalene	ND		5.00	3.00	ug/L			02/06/26 19:20	1
n-Butylbenzene	ND		1.00	0.760	ug/L			02/06/26 19:20	1
n-Heptane	ND		1.00	0.690	ug/L			02/06/26 19:20	1
N-Propylbenzene	ND		1.00	0.690	ug/L			02/06/26 19:20	1

Client Sample ID: Trip Blank
Date Collected: 01/27/26 00:00
Date Received: 01/27/26 16:45

Lab Sample ID: 752-41379-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.00	3.00	ug/L			02/06/26 19:20	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			02/06/26 19:20	1
Styrene	ND		1.00	1.00	ug/L			02/06/26 19:20	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			02/06/26 19:20	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			02/06/26 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
Tetrachloroethene	ND		1.00	0.330	ug/L			02/06/26 19:20	1
Toluene	ND		1.00	0.900	ug/L			02/06/26 19:20	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			02/06/26 19:20	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			02/06/26 19:20	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			02/06/26 19:20	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			02/06/26 19:20	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			02/06/26 19:20	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			02/06/26 19:20	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			02/06/26 19:20	1
Trichloroethene	ND		1.00	0.480	ug/L			02/06/26 19:20	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			02/06/26 19:20	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			02/06/26 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			02/06/26 19:20	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			02/06/26 19:20	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			02/06/26 19:20	1
Vinyl acetate	ND		25.0	0.930	ug/L			02/06/26 19:20	1
Vinyl chloride	ND		1.00	0.500	ug/L			02/06/26 19:20	1
Xylenes, Total	ND		10.0	6.00	ug/L			02/06/26 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*56 - 136*		*02/06/26 19:20*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*02/06/26 19:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 146*		*02/06/26 19:20*	*1*
Toluene-d8 (Surr)	*100*		*64 - 132*		*02/06/26 19:20*	*1*

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	TOL	DCA
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)	(50-150)
752-41379-1	825-SED-1	99	106	100	110
752-41379-2	825-SED-2	97	102	98	114
752-41379-3	825-SED-3	101	102	99	112
752-41379-4	825-SED-4	95	103	97	115
752-41379-5	825-SED-5	100	106	97	116
752-41379-6	825-SED-6	103	98	104	85
752-41379-7	825-SED-DUP	97	101	97	102
LCS 400-738601/1-A	Lab Control Sample	100	97	99	100
MB 400-738601/2-A	Method Blank	95	96	97	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(56-136)	(79-130)	(59-146)	(64-132)
752-41379-8	Trip Blank	99	100	99	100
LCS 400-738544/1009	Lab Control Sample	101	101	96	101
MB 400-738544/21	Method Blank	102	100	101	99

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)	(40-140)
752-41379-1	825-SED-1	75	94	103	106	97	117
752-41379-2	825-SED-2	83	104	111	110	105	114
752-41379-3	825-SED-3	57	83	89	90	83	98
752-41379-4	825-SED-4	81	94	105	111	109	106
752-41379-5	825-SED-5	65	86	108	104	109	95
752-41379-6	825-SED-6	89	114	123	131	122	133
752-41379-7	825-SED-DUP	77	104	114	121	115	124
LCS 400-738032/2-A	Lab Control Sample	117	111	120	123	130	119
MB 400-738032/1-A	Method Blank	106	109	122	125	132	120

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

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

Job ID: 752-41379-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		DXE						
Lab Sample ID	Client Sample ID	(10-150)						
752-41379-1	825-SED-1	42						
752-41379-1 MS	825-SED-1	44						
752-41379-1 MSD	825-SED-1	43						
752-41379-2	825-SED-2	47						
752-41379-3	825-SED-3	49						
752-41379-4	825-SED-4	49						
752-41379-5	825-SED-5	49						
752-41379-6	825-SED-6	46						
752-41379-7	825-SED-DUP	43						
LCS 400-738145/2-A	Lab Control Sample	46						
MB 400-738145/1-A	Method Blank	51						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 400-738544/21
Matrix: Water
Analysis Batch: 738544

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			02/06/26 10:47	1
Benzene	ND		1.00	0.500	ug/L			02/06/26 10:47	1
Bromobenzene	ND		1.00	0.540	ug/L			02/06/26 10:47	1
Bromoform	ND		5.00	0.250	ug/L			02/06/26 10:47	1
Bromomethane	ND		1.00	0.980	ug/L			02/06/26 10:47	1
2-Butanone (MEK)	ND		25.0	2.60	ug/L			02/06/26 10:47	1
Chlorobromomethane	ND		1.00	0.520	ug/L			02/06/26 10:47	1
Carbon disulfide	ND		1.00	0.500	ug/L			02/06/26 10:47	1
Carbon tetrachloride	ND		1.00	0.460	ug/L			02/06/26 10:47	1
Chlorobenzene	ND		1.00	0.420	ug/L			02/06/26 10:47	1
Chloroethane	ND		1.00	0.760	ug/L			02/06/26 10:47	1
Chloroform	ND		1.00	0.900	ug/L			02/06/26 10:47	1
Chloromethane	ND		1.00	0.840	ug/L			02/06/26 10:47	1
2-Chlorotoluene	ND		1.00	0.570	ug/L			02/06/26 10:47	1
4-Chlorotoluene	ND		1.00	0.560	ug/L			02/06/26 10:47	1
Chlorodibromomethane	ND		1.00	0.610	ug/L			02/06/26 10:47	1
1,2-Dibromo-3-Chloropropane	ND		5.00	1.50	ug/L			02/06/26 10:47	1
Dibromomethane	ND		5.00	0.220	ug/L			02/06/26 10:47	1
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,3-Dichlorobenzene	ND		1.00	0.540	ug/L			02/06/26 10:47	1
Dichlorobromomethane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,4-Dichlorobenzene	ND		1.00	0.640	ug/L			02/06/26 10:47	1
1,1-Dichloroethane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,2-Dichloroethane	ND		1.00	0.550	ug/L			02/06/26 10:47	1
cis-1,2-Dichloroethene	ND		1.00	0.760	ug/L			02/06/26 10:47	1
1,1-Dichloroethene	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,2-Dichloropropane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,3-Dichloropropane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
2,2-Dichloropropane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,1-Dichloropropene	ND		1.00	0.340	ug/L			02/06/26 10:47	1
Ethylene Dibromide	ND		1.00	0.230	ug/L			02/06/26 10:47	1
cis-1,3-Dichloropropene	ND		5.00	0.500	ug/L			02/06/26 10:47	1
Ethylbenzene	ND		1.00	0.500	ug/L			02/06/26 10:47	1
Hexachlorobutadiene	ND		5.00	0.900	ug/L			02/06/26 10:47	1
2-Hexanone	ND		25.0	9.10	ug/L			02/06/26 10:47	1
Iodomethane	ND		1.00	0.900	ug/L			02/06/26 10:47	1
Isopropylbenzene	ND		1.00	0.530	ug/L			02/06/26 10:47	1
4-Isopropyltoluene	ND		1.00	0.710	ug/L			02/06/26 10:47	1
Methylene Chloride	ND		5.00	4.00	ug/L			02/06/26 10:47	1
4-Methyl-2-pentanone (MIBK)	ND		25.0	1.80	ug/L			02/06/26 10:47	1
Methyl tert-butyl ether	ND		1.00	0.220	ug/L			02/06/26 10:47	1
Naphthalene	ND		5.00	3.00	ug/L			02/06/26 10:47	1
n-Butylbenzene	ND		1.00	0.760	ug/L			02/06/26 10:47	1
N-Propylbenzene	ND		1.00	0.690	ug/L			02/06/26 10:47	1
sec-Butylbenzene	ND		1.00	0.700	ug/L			02/06/26 10:47	1
Styrene	ND		1.00	1.00	ug/L			02/06/26 10:47	1
tert-Butylbenzene	ND		1.00	0.630	ug/L			02/06/26 10:47	1
1,1,1,2-Tetrachloroethane	ND		1.00	0.380	ug/L			02/06/26 10:47	1

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

Lab Sample ID: MB 400-738544/21
Matrix: Water
Analysis Batch: 738544

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
Tetrachloroethene	ND		1.00	0.330	ug/L			02/06/26 10:47	1
Toluene	ND		1.00	0.900	ug/L			02/06/26 10:47	1
trans-1,4-Dichloro-2-butene	ND		5.00	1.00	ug/L			02/06/26 10:47	1
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L			02/06/26 10:47	1
trans-1,3-Dichloropropene	ND		5.00	0.470	ug/L			02/06/26 10:47	1
1,2,3-Trichlorobenzene	ND		1.00	0.900	ug/L			02/06/26 10:47	1
1,2,4-Trichlorobenzene	ND		1.00	0.820	ug/L			02/06/26 10:47	1
1,1,1-Trichloroethane	ND		1.00	0.390	ug/L			02/06/26 10:47	1
1,1,2-Trichloroethane	ND		5.00	1.00	ug/L			02/06/26 10:47	1
o-Xylene	ND		5.00	3.00	ug/L			02/06/26 10:47	1
Trichloroethene	ND		1.00	0.480	ug/L			02/06/26 10:47	1
m-Xylene & p-Xylene	ND		5.00	3.00	ug/L			02/06/26 10:47	1
Trichlorofluoromethane	ND		1.00	0.250	ug/L			02/06/26 10:47	1
1,2,3-Trichloropropane	ND		5.00	0.840	ug/L			02/06/26 10:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.500	ug/L			02/06/26 10:47	1
1,2,4-Trimethylbenzene	ND		1.00	0.820	ug/L			02/06/26 10:47	1
1,3,5-Trimethylbenzene	ND		1.00	0.560	ug/L			02/06/26 10:47	1
Isopropyl ether	ND		1.00	0.740	ug/L			02/06/26 10:47	1
Hexane	ND		1.00	0.960	ug/L			02/06/26 10:47	1
Vinyl acetate	ND		25.0	0.930	ug/L			02/06/26 10:47	1
n-Heptane	ND		1.00	0.690	ug/L			02/06/26 10:47	1
Vinyl chloride	ND		1.00	0.500	ug/L			02/06/26 10:47	1
Ethyl acetate	ND		10.0	6.14	ug/L			02/06/26 10:47	1
Xylenes, Total	ND		10.0	6.00	ug/L			02/06/26 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*56 - 136*		*02/06/26 10:47*	*1*
Dibromofluoromethane	*100*		*79 - 130*		*02/06/26 10:47*	*1*
Toluene-d8 (Surr)	*99*		*64 - 132*		*02/06/26 10:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 146*		*02/06/26 10:47*	*1*

Lab Sample ID: LCS 400-738544/1009
Matrix: Water
Analysis Batch: 738544

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	200	200.4		ug/L		100	43 - 150
Benzene	50.0	50.22		ug/L		100	70 - 130
Bromobenzene	50.0	52.39		ug/L		105	70 - 132
Bromoform	50.0	51.66		ug/L		103	57 - 140
Bromomethane	50.0	47.29		ug/L		95	10 - 150
2-Butanone (MEK)	200	225.3		ug/L		113	61 - 145
Chlorobromomethane	50.0	51.81		ug/L		104	70 - 130
Carbon disulfide	50.0	48.39		ug/L		97	61 - 137
Carbon tetrachloride	50.0	50.69		ug/L		101	61 - 137
Chlorobenzene	50.0	51.54		ug/L		103	70 - 130
Chloroethane	50.0	51.95		ug/L		104	55 - 141

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

Lab Sample ID: LCS 400-738544/1009
Matrix: Water
Analysis Batch: 738544

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	50.0	47.85		ug/L		96	69 - 130
Chloromethane	50.0	51.85		ug/L		104	58 - 137
2-Chlorotoluene	50.0	50.51		ug/L		101	70 - 130
4-Chlorotoluene	50.0	52.28		ug/L		105	70 - 130
Chlorodibromomethane	50.0	52.07		ug/L		104	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	54.19		ug/L		108	54 - 135
Dibromomethane	50.0	49.77		ug/L		100	70 - 130
1,2-Dichlorobenzene	50.0	52.48		ug/L		105	67 - 130
1,3-Dichlorobenzene	50.0	53.22		ug/L		106	70 - 130
Dichlorobromomethane	50.0	49.62		ug/L		99	67 - 133
1,4-Dichlorobenzene	50.0	51.53		ug/L		103	70 - 130
1,1-Dichloroethane	50.0	51.94		ug/L		104	70 - 130
1,2-Dichloroethane	50.0	48.71		ug/L		97	69 - 130
cis-1,2-Dichloroethene	50.0	51.41		ug/L		103	68 - 130
1,1-Dichloroethene	50.0	49.23		ug/L		98	63 - 134
1,2-Dichloropropane	50.0	51.59		ug/L		103	70 - 130
1,3-Dichloropropane	50.0	52.26		ug/L		105	70 - 130
2,2-Dichloropropane	50.0	49.83		ug/L		100	52 - 135
1,1-Dichloropropene	50.0	51.23		ug/L		102	70 - 130
Ethylene Dibromide	50.0	51.39		ug/L		103	70 - 130
cis-1,3-Dichloropropene	50.0	51.03		ug/L		102	69 - 132
Ethylbenzene	50.0	51.35		ug/L		103	70 - 130
Hexachlorobutadiene	50.0	58.49		ug/L		117	53 - 140
2-Hexanone	200	232.3		ug/L		116	65 - 137
Iodomethane	50.0	52.65		ug/L		105	27 - 150
Isopropylbenzene	50.0	53.94		ug/L		108	70 - 130
4-Isopropyltoluene	50.0	55.16		ug/L		110	65 - 130
Methylene Chloride	50.0	50.40		ug/L		101	66 - 135
4-Methyl-2-pentanone (MIBK)	200	211.5		ug/L		106	69 - 138
Methyl tert-butyl ether	50.0	50.28		ug/L		101	66 - 130
Naphthalene	50.0	54.89		ug/L		110	47 - 149
n-Butylbenzene	50.0	53.29		ug/L		107	67 - 130
N-Propylbenzene	50.0	54.64		ug/L		109	70 - 130
sec-Butylbenzene	50.0	54.46		ug/L		109	66 - 130
Styrene	50.0	53.17		ug/L		106	70 - 130
tert-Butylbenzene	50.0	51.69		ug/L		103	64 - 139
1,1,1,2-Tetrachloroethane	50.0	50.66		ug/L		101	67 - 131
1,1,2,2-Tetrachloroethane	50.0	50.21		ug/L		100	70 - 131
Tetrachloroethene	50.0	50.30		ug/L		101	65 - 130
Toluene	50.0	50.36		ug/L		101	70 - 130
trans-1,4-Dichloro-2-butene	50.0	48.04		ug/L		96	57 - 140
trans-1,2-Dichloroethene	50.0	51.52		ug/L		103	70 - 130
trans-1,3-Dichloropropene	50.0	52.01		ug/L		104	63 - 130
1,2,3-Trichlorobenzene	50.0	55.37		ug/L		111	60 - 138
1,2,4-Trichlorobenzene	50.0	55.71		ug/L		111	60 - 140
1,1,1-Trichloroethane	50.0	48.12		ug/L		96	68 - 130
1,1,2-Trichloroethane	50.0	48.83		ug/L		98	70 - 130
o-Xylene	50.0	52.36		ug/L		105	70 - 130
Trichloroethene	50.0	52.28		ug/L		105	70 - 130

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

Lab Sample ID: LCS 400-738544/1009
Matrix: Water
Analysis Batch: 738544

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	52.74		ug/L		105	70 - 130
Trichlorofluoromethane	50.0	48.69		ug/L		97	65 - 138
1,2,3-Trichloropropane	50.0	51.97		ug/L		104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.46		ug/L		105	60 - 139
1,2,4-Trimethylbenzene	50.0	53.20		ug/L		106	70 - 130
1,3,5-Trimethylbenzene	50.0	53.54		ug/L		107	69 - 130
Isopropyl ether	50.0	48.96		ug/L		98	64 - 132
Hexane	50.0	49.96		ug/L		100	69 - 130
Vinyl acetate	100	104.0		ug/L		104	26 - 150
n-Heptane	50.0	50.03		ug/L		100	70 - 130
Vinyl chloride	50.0	48.82		ug/L		98	59 - 136
Ethyl acetate	100	111.2		ug/L		111	34 - 150
Xylenes, Total	100	105.1		ug/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*56 - 136*
Dibromofluoromethane	*101*		*79 - 130*
Toluene-d8 (Surr)	*101*		*64 - 132*
1,2-Dichloroethane-d4 (Surr)	*96*		*59 - 146*

Lab Sample ID: MB 400-738601/2-A
Matrix: Solid
Analysis Batch: 738540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0250	0.0120	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Benzene	ND		0.00500	0.000670	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Bromobenzene	ND		0.00500	0.00130	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Bromoform	ND		0.00500	0.00130	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Bromomethane	ND		0.00500	0.00250	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
2-Butanone (MEK)	ND		0.0250	0.00600	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Chlorobromomethane	ND		0.00500	0.000810	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Carbon disulfide	ND		0.00500	0.00253	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Carbon tetrachloride	ND		0.00500	0.00170	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Chlorobenzene	ND		0.00500	0.00132	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Chloroethane	ND		0.00500	0.00330	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Chloroform	ND		0.00500	0.00136	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Chloromethane	ND		0.00500	0.00221	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
2-Chlorotoluene	ND		0.00500	0.00166	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
4-Chlorotoluene	ND		0.00500	0.000980	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Chlorodibromomethane	ND		0.00500	0.00120	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2-Dibromo-3-Chloropropane	ND		0.00500	0.00330	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Dibromomethane	ND		0.00500	0.000830	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2-Dichlorobenzene	ND		0.00500	0.00159	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,3-Dichlorobenzene	ND		0.00500	0.000950	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Dichlorobromomethane	ND		0.00500	0.000920	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,4-Dichlorobenzene	ND		0.00500	0.000860	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1-Dichloroethane	ND		0.00500	0.000830	mg/Kg		02/06/26 12:10	02/06/26 13:14	1

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

Lab Sample ID: MB 400-738601/2-A
Matrix: Solid
Analysis Batch: 738540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00500	0.00184	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
cis-1,2-Dichloroethene	ND		0.00500	0.000760	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1-Dichloroethene	ND		0.00500	0.00210	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2-Dichloropropane	ND		0.00500	0.000760	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,3-Dichloropropane	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
2,2-Dichloropropane	ND		0.00500	0.00110	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1-Dichloropropene	ND		0.00500	0.000830	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Ethylene Dibromide	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
cis-1,3-Dichloropropene	ND		0.00500	0.00120	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Ethylbenzene	ND		0.00500	0.000610	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Hexachlorobutadiene	ND		0.00500	0.00250	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
2-Hexanone	ND		0.0250	0.00500	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Iodomethane	ND		0.00500	0.00340	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Isopropylbenzene	ND		0.00500	0.000680	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
4-Isopropyltoluene	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Methylene Chloride	ND		0.0150	0.0100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.0250	0.0134	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Methyl tert-butyl ether	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Naphthalene	ND		0.00500	0.00300	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
n-Butylbenzene	ND		0.00500	0.000960	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
N-Propylbenzene	ND		0.00500	0.000900	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
sec-Butylbenzene	ND		0.00500	0.000950	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Styrene	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
tert-Butylbenzene	ND		0.00500	0.00110	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1,1,2-Tetrachloroethane	ND		0.00500	0.00110	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1,2,2-Tetrachloroethane	ND		0.00500	0.00172	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Tetrachloroethene	ND		0.00500	0.00300	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Toluene	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
trans-1,4-Dichloro-2-butene	ND		0.00500	0.00250	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
trans-1,2-Dichloroethene	ND		0.00500	0.000960	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
trans-1,3-Dichloropropene	ND		0.00500	0.00110	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2,3-Trichlorobenzene	ND		0.00500	0.00110	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2,4-Trichlorobenzene	ND		0.00500	0.00201	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1,1-Trichloroethane	ND		0.00500	0.00110	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1,2-Trichloroethane	ND		0.00500	0.00161	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
o-Xylene	ND		0.00500	0.00300	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Trichloroethene	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
m-Xylene & p-Xylene	ND		0.00500	0.00300	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Trichlorofluoromethane	ND		0.00500	0.00242	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2,3-Trichloropropane	ND		0.00500	0.00208	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.00500	0.00188	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,2,4-Trimethylbenzene	ND		0.00500	0.00100	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
1,3,5-Trimethylbenzene	ND		0.00500	0.000830	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Isopropyl ether	ND		0.00500	0.00138	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Hexane	ND		0.00500	0.00260	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Vinyl acetate	ND		0.0250	0.00638	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
n-Heptane	ND		0.00500	0.00289	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Vinyl chloride	ND		0.00500	0.00218	mg/Kg		02/06/26 12:10	02/06/26 13:14	1
Ethyl acetate	ND		0.0200	0.00500	mg/Kg		02/06/26 12:10	02/06/26 13:14	1

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

Lab Sample ID: MB 400-738601/2-A
Matrix: Solid
Analysis Batch: 738540

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.0100	0.00600	mg/Kg		02/06/26 12:10	02/06/26 13:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*50 - 150*	*02/06/26 12:10*	*02/06/26 13:14*	*1*
Dibromofluoromethane	*96*		*50 - 150*	*02/06/26 12:10*	*02/06/26 13:14*	*1*
Toluene-d8 (Surr)	*97*		*50 - 150*	*02/06/26 12:10*	*02/06/26 13:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*50 - 150*	*02/06/26 12:10*	*02/06/26 13:14*	*1*

Lab Sample ID: LCS 400-738601/1-A
Matrix: Solid
Analysis Batch: 738540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.200	0.2775		mg/Kg		139	48 - 150
Benzene	0.0500	0.05295		mg/Kg		106	65 - 130
Bromobenzene	0.0500	0.05798		mg/Kg		116	65 - 130
Bromoform	0.0500	0.04736		mg/Kg		95	52 - 136
Bromomethane	0.0500	0.05422		mg/Kg		108	12 - 150
2-Butanone (MEK)	0.200	0.2553		mg/Kg		128	55 - 130
Chlorobromomethane	0.0500	0.05616		mg/Kg		112	65 - 130
Carbon disulfide	0.0500	0.05647		mg/Kg		113	46 - 141
Carbon tetrachloride	0.0500	0.05455		mg/Kg		109	60 - 130
Chlorobenzene	0.0500	0.05568		mg/Kg		111	70 - 130
Chloroethane	0.0500	0.05833		mg/Kg		117	55 - 134
Chloroform	0.0500	0.05379		mg/Kg		108	62 - 130
Chloromethane	0.0500	0.04636		mg/Kg		93	49 - 136
2-Chlorotoluene	0.0500	0.05649		mg/Kg		113	67 - 130
4-Chlorotoluene	0.0500	0.05735		mg/Kg		115	66 - 130
Chlorodibromomethane	0.0500	0.05398		mg/Kg		108	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04714		mg/Kg		94	49 - 130
Dibromomethane	0.0500	0.05108		mg/Kg		102	65 - 130
1,2-Dichlorobenzene	0.0500	0.05746		mg/Kg		115	64 - 130
1,3-Dichlorobenzene	0.0500	0.05827		mg/Kg		117	66 - 130
Dichlorobromomethane	0.0500	0.05349		mg/Kg		107	61 - 130
1,4-Dichlorobenzene	0.0500	0.05766		mg/Kg		115	65 - 130
1,1-Dichloroethane	0.0500	0.05359		mg/Kg		107	59 - 130
1,2-Dichloroethane	0.0500	0.05140		mg/Kg		103	62 - 130
cis-1,2-Dichloroethene	0.0500	0.05234		mg/Kg		105	53 - 135
1,1-Dichloroethene	0.0500	0.05402		mg/Kg		108	55 - 137
1,2-Dichloropropane	0.0500	0.05468		mg/Kg		109	64 - 130
1,3-Dichloropropane	0.0500	0.05375		mg/Kg		108	67 - 130
2,2-Dichloropropane	0.0500	0.05242		mg/Kg		105	51 - 132
1,1-Dichloropropene	0.0500	0.05362		mg/Kg		107	65 - 130
Ethylene Dibromide	0.0500	0.05284		mg/Kg		106	67 - 130
cis-1,3-Dichloropropene	0.0500	0.05294		mg/Kg		106	61 - 130
Ethylbenzene	0.0500	0.05665		mg/Kg		113	70 - 130
Hexachlorobutadiene	0.0500	0.05956		mg/Kg		119	62 - 133
2-Hexanone	0.200	0.2510		mg/Kg		126	57 - 131

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

Lab Sample ID: LCS 400-738601/1-A
Matrix: Solid
Analysis Batch: 738540

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iodomethane	0.0500	0.04259		mg/Kg		85	12 - 150
Isopropylbenzene	0.0500	0.05592		mg/Kg		112	70 - 130
4-Isopropyltoluene	0.0500	0.05887		mg/Kg		118	68 - 130
Methylene Chloride	0.0500	0.05481		mg/Kg		110	57 - 132
4-Methyl-2-pentanone (MIBK)	0.200	0.1901		mg/Kg		95	58 - 130
Methyl tert-butyl ether	0.0500	0.05127		mg/Kg		103	63 - 130
Naphthalene	0.0500	0.05166		mg/Kg		103	45 - 144
n-Butylbenzene	0.0500	0.05699		mg/Kg		114	66 - 130
N-Propylbenzene	0.0500	0.05791		mg/Kg		116	67 - 130
sec-Butylbenzene	0.0500	0.05792		mg/Kg		116	67 - 130
Styrene	0.0500	0.05630		mg/Kg		113	68 - 130
tert-Butylbenzene	0.0500	0.05801		mg/Kg		116	67 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05450		mg/Kg		109	65 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04939		mg/Kg		99	60 - 131
Tetrachloroethene	0.0500	0.06049		mg/Kg		121	67 - 130
Toluene	0.0500	0.05367		mg/Kg		107	70 - 130
trans-1,4-Dichloro-2-butene	0.0500	0.04939		mg/Kg		99	45 - 137
trans-1,2-Dichloroethene	0.0500	0.05274		mg/Kg		105	58 - 134
trans-1,3-Dichloropropene	0.0500	0.05430		mg/Kg		109	60 - 130
1,2,3-Trichlorobenzene	0.0500	0.05664		mg/Kg		113	58 - 135
1,2,4-Trichlorobenzene	0.0500	0.05823		mg/Kg		116	56 - 138
1,1,1-Trichloroethane	0.0500	0.05240		mg/Kg		105	63 - 130
1,1,2-Trichloroethane	0.0500	0.05298		mg/Kg		106	65 - 130
o-Xylene	0.0500	0.05468		mg/Kg		109	70 - 130
Trichloroethene	0.0500	0.05527		mg/Kg		111	65 - 130
m-Xylene & p-Xylene	0.0500	0.05303		mg/Kg		106	70 - 130
Trichlorofluoromethane	0.0500	0.05370		mg/Kg		107	61 - 136
1,2,3-Trichloropropane	0.0500	0.04903		mg/Kg		98	60 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05634		mg/Kg		113	47 - 143
1,2,4-Trimethylbenzene	0.0500	0.05766		mg/Kg		115	66 - 130
1,3,5-Trimethylbenzene	0.0500	0.05717		mg/Kg		114	67 - 130
Isopropyl ether	0.0500	0.04237		mg/Kg		85	62 - 130
Hexane	0.0500	0.04694		mg/Kg		94	57 - 132
Vinyl acetate	0.100	0.1136		mg/Kg		114	24 - 150
n-Heptane	0.0500	0.04621		mg/Kg		92	61 - 130
Vinyl chloride	0.0500	0.05178		mg/Kg		104	52 - 132
Ethyl acetate	0.100	0.08976		mg/Kg		90	21 - 150
Xylenes, Total	0.100	0.1077		mg/Kg		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*50 - 150*
Dibromofluoromethane	*97*		*50 - 150*
Toluene-d8 (Surr)	*99*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*100*		*50 - 150*

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

Lab Sample ID: MB 400-738032/1-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.330	0.00960	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,4,5-Trichlorophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,4,6-Trichlorophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,4-Dichlorophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,4-Dimethylphenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,4-Dinitrophenol	ND		0.990	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,4-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2,6-Dinitrotoluene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2-Chloronaphthalene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2-Chlorophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2-Methylnaphthalene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2-Methylphenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2-Nitroaniline	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
2-Nitrophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
3 & 4 Methylphenol	ND		0.660	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
3,3'-Dichlorobenzidine	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
3-Nitroaniline	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4,6-Dinitro-2-methylphenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4-Bromophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4-Chloro-3-methylphenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4-Chloroaniline	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4-Chlorophenyl phenyl ether	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4-Nitroaniline	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
4-Nitrophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Acenaphthene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Acenaphthylene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Acetophenone	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Anthracene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Atrazine	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Benzaldehyde	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Benzo[a]anthracene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Benzo[a]pyrene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Benzo[b]fluoranthene	ND		0.330	0.00140	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Benzo[g,h,i]perylene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Benzo[k]fluoranthene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
bis (2-chloroisopropyl) ether	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Bis(2-chloroethoxy)methane	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Bis(2-chloroethyl)ether	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Bis(2-ethylhexyl) phthalate	ND		0.330	0.100	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Butyl benzyl phthalate	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Caprolactam	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Carbazole	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Chrysene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Dibenz(a,h)anthracene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Dibenzofuran	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Diethyl phthalate	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Dimethyl phthalate	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Di-n-butyl phthalate	ND		0.990	0.300	mg/Kg		02/02/26 12:13	02/03/26 13:59	1

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

Lab Sample ID: MB 400-738032/1-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Fluoranthene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Fluorene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Hexachlorobenzene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Hexachlorobutadiene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Hexachlorocyclopentadiene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Hexachloroethane	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Indeno[1,2,3-cd]pyrene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Isophorone	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Naphthalene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Nitrobenzene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
N-Nitrosodi-n-propylamine	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
N-Nitrosodiphenylamine	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Pentachlorophenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Phenanthrene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Phenol	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1
Pyrene	ND		0.330	0.0330	mg/Kg		02/02/26 12:13	02/03/26 13:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*40 - 140*	*02/02/26 12:13*	*02/03/26 13:59*	*1*
2-Fluorobiphenyl (Surr)	*109*		*40 - 140*	*02/02/26 12:13*	*02/03/26 13:59*	*1*
2-Fluorophenol (Surr)	*122*		*40 - 140*	*02/02/26 12:13*	*02/03/26 13:59*	*1*
Nitrobenzene-d5 (Surr)	*125*		*40 - 140*	*02/02/26 12:13*	*02/03/26 13:59*	*1*
Phenol-d5 (Surr)	*132*		*40 - 140*	*02/02/26 12:13*	*02/03/26 13:59*	*1*
Terphenyl-d14 (Surr)	*120*		*40 - 140*	*02/02/26 12:13*	*02/03/26 13:59*	*1*

Lab Sample ID: LCS 400-738032/2-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1.48	1.644		mg/Kg		111	19 - 126
2,4,5-Trichlorophenol	1.48	1.730		mg/Kg		117	10 - 150
2,4,6-Trichlorophenol	1.48	1.625		mg/Kg		110	10 - 150
2,4-Dichlorophenol	1.48	1.769		mg/Kg		120	10 - 150
2,4-Dimethylphenol	1.48	1.628		mg/Kg		110	10 - 141
2,4-Dinitrophenol	2.95	2.517		mg/Kg		85	10 - 150
2,4-Dinitrotoluene	1.48	1.515		mg/Kg		103	31 - 136
2,6-Dinitrotoluene	1.48	1.383		mg/Kg		94	31 - 137
2-Chloronaphthalene	1.48	1.520		mg/Kg		103	20 - 126
2-Chlorophenol	1.48	1.743		mg/Kg		118	10 - 150
2-Methylnaphthalene	1.48	1.600		mg/Kg		108	20 - 150
2-Methylphenol	1.48	1.834		mg/Kg		124	18 - 126
2-Nitroaniline	1.48	1.425		mg/Kg		97	30 - 150
2-Nitrophenol	1.48	1.401		mg/Kg		95	19 - 150
3 & 4 Methylphenol	1.48	1.999		mg/Kg		135	10 - 150
3,3'-Dichlorobenzidine	2.95	2.450		mg/Kg		83	10 - 124
3-Nitroaniline	1.48	1.364		mg/Kg		92	10 - 148

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

Lab Sample ID: LCS 400-738032/2-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	2.95	2.981		mg/Kg		101	15 - 150
4-Bromophenyl phenyl ether	1.48	1.669		mg/Kg		113	21 - 129
4-Chloro-3-methylphenol	1.48	1.568		mg/Kg		106	16 - 150
4-Chloroaniline	1.48	1.117		mg/Kg		76	10 - 120
4-Chlorophenyl phenyl ether	1.48	1.641		mg/Kg		111	21 - 124
4-Nitroaniline	1.48	1.447		mg/Kg		98	21 - 146
4-Nitrophenol	2.95	2.997		mg/Kg		101	10 - 150
Acenaphthene	1.48	1.620		mg/Kg		110	21 - 150
Acenaphthylene	1.48	1.680		mg/Kg		114	22 - 150
Acetophenone	1.48	1.735		mg/Kg		117	15 - 128
Anthracene	1.48	1.668		mg/Kg		113	28 - 150
Atrazine	1.48	1.435		mg/Kg		97	10 - 150
Benzaldehyde	1.48	1.440		mg/Kg		98	10 - 150
Benzo[a]anthracene	1.48	1.665		mg/Kg		113	32 - 150
Benzo[a]pyrene	1.48	1.662		mg/Kg		113	24 - 150
Benzo[b]fluoranthene	1.48	1.675		mg/Kg		113	17 - 150
Benzo[g,h,i]perylene	1.48	1.647		mg/Kg		112	25 - 150
Benzo[k]fluoranthene	1.48	1.664		mg/Kg		113	24 - 150
bis (2-chloroisopropyl) ether	1.48	1.871	*+	mg/Kg		127	13 - 125
Bis(2-chloroethoxy)methane	1.48	1.538		mg/Kg		104	16 - 132
Bis(2-chloroethyl)ether	1.48	1.728		mg/Kg		117	24 - 120
Bis(2-ethylhexyl) phthalate	1.48	1.550		mg/Kg		105	12 - 150
Butyl benzyl phthalate	1.48	1.558		mg/Kg		106	24 - 150
Caprolactam	1.48	1.610		mg/Kg		109	10 - 150
Carbazole	1.48	1.694		mg/Kg		115	16 - 150
Chrysene	1.48	1.637		mg/Kg		111	31 - 150
Dibenz(a,h)anthracene	1.48	1.655		mg/Kg		112	26 - 150
Dibenzofuran	1.48	1.560		mg/Kg		106	27 - 123
Diethyl phthalate	1.48	1.486		mg/Kg		101	20 - 150
Dimethyl phthalate	1.48	1.469		mg/Kg		99	21 - 140
Di-n-butyl phthalate	1.48	1.473		mg/Kg		100	10 - 150
Di-n-octyl phthalate	1.48	1.480		mg/Kg		100	23 - 150
Fluoranthene	1.48	1.620		mg/Kg		110	27 - 150
Fluorene	1.48	1.658		mg/Kg		112	21 - 150
Hexachlorobenzene	1.48	1.708		mg/Kg		116	23 - 121
Hexachlorobutadiene	1.48	1.569		mg/Kg		106	15 - 120
Hexachlorocyclopentadiene	1.48	1.473		mg/Kg		100	14 - 132
Hexachloroethane	1.48	1.914	*+	mg/Kg		130	20 - 120
Indeno[1,2,3-cd]pyrene	1.48	1.639		mg/Kg		111	33 - 150
Isophorone	1.48	1.729		mg/Kg		117	22 - 129
Naphthalene	1.48	1.645		mg/Kg		111	17 - 150
Nitrobenzene	1.48	1.671		mg/Kg		113	22 - 126
N-Nitrosodi-n-propylamine	1.48	1.769		mg/Kg		120	23 - 128
N-Nitrosodiphenylamine	1.46	1.676		mg/Kg		114	21 - 137
Pentachlorophenol	2.95	3.684		mg/Kg		125	10 - 150
Phenanthrene	1.48	1.687		mg/Kg		114	24 - 150
Phenol	1.48	1.787		mg/Kg		121	10 - 150
Pyrene	1.48	1.626		mg/Kg		110	25 - 150

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

Lab Sample ID: LCS 400-738032/2-A
Matrix: Solid
Analysis Batch: 738175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738032

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*117*		*40 - 140*
2-Fluorobiphenyl (Surr)	*111*		*40 - 140*
2-Fluorophenol (Surr)	*120*		*40 - 140*
Nitrobenzene-d5 (Surr)	*123*		*40 - 140*
Phenol-d5 (Surr)	*130*		*40 - 140*
Terphenyl-d14 (Surr)	*119*		*40 - 140*

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

Lab Sample ID: MB 400-738145/1-A
Matrix: Solid
Analysis Batch: 738401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738145

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.00120	0.00120	mg/Kg		02/03/26 10:06	02/05/26 08:16	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*51*		*10 - 150*	*02/03/26 10:06*	*02/05/26 08:16*	*1*

Lab Sample ID: LCS 400-738145/2-A
Matrix: Solid
Analysis Batch: 738401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738145

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			0.267	0.2089		mg/Kg		78	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*46*		*10 - 150*

Lab Sample ID: 752-41379-1 MS
Matrix: Solid
Analysis Batch: 738401

Client Sample ID: 825-SED-1
Prep Type: Total/NA
Prep Batch: 738145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	0.00206		0.331	0.2688		mg/Kg	☼	81	50 - 150		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*44*		*10 - 150*

Lab Sample ID: 752-41379-1 MSD
Matrix: Solid
Analysis Batch: 738401

Client Sample ID: 825-SED-1
Prep Type: Total/NA
Prep Batch: 738145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.00206		0.324	0.2647		mg/Kg	☼	81	50 - 150	2	50

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*43*		*10 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 705-111538/1-A
Matrix: Solid
Analysis Batch: 111652

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			02/02/26 20:38	1

Lab Sample ID: LCS 705-111538/2-A
Matrix: Solid
Analysis Batch: 111652

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			250	260.2		mg/Kg		104	90 - 110		

Lab Sample ID: 752-41379-1 MS
Matrix: Solid
Analysis Batch: 111652

Client Sample ID: 825-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	18.4		314	335.0		mg/Kg	☼	101	80 - 120		

Lab Sample ID: 752-41379-1 MSD
Matrix: Solid
Analysis Batch: 111652

Client Sample ID: 825-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	18.4		314	334.2		mg/Kg	☼	101	80 - 120	0	15

Lab Sample ID: MB 705-111538/1-A
Matrix: Solid
Analysis Batch: 111653

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			02/02/26 20:38	1

Lab Sample ID: LCS 705-111538/2-A
Matrix: Solid
Analysis Batch: 111653

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			50.0	53.22		mg/Kg		106	90 - 110		

Lab Sample ID: 752-41379-1 MS
Matrix: Solid
Analysis Batch: 111653

Client Sample ID: 825-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	1.02	J	62.8	67.93		mg/Kg	☼	107	80 - 120		

Lab Sample ID: 752-41379-1 MSD
Matrix: Solid
Analysis Batch: 111653

Client Sample ID: 825-SED-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	1.02	J	62.8	67.97		mg/Kg	☼	107	80 - 120	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-111035/1-A
Matrix: Solid
Analysis Batch: 111673

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.00	0.229	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Arsenic	ND		0.600	0.0535	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Barium	0.01965	J	2.50	0.0142	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Beryllium	ND		0.500	0.0351	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Cadmium	ND		0.500	0.0163	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Chromium	ND		1.00	0.206	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Cobalt	ND		0.750	0.0283	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Copper	ND		0.500	0.0520	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Lead	ND		0.500	0.0590	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Manganese	0.06973	J	1.00	0.0615	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Nickel	ND		1.00	0.0262	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Selenium	ND		2.50	0.178	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Silver	0.004882	J	0.250	0.00290	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Thallium	ND		0.700	0.0422	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Vanadium	ND		1.00	0.126	mg/Kg		01/30/26 09:38	02/01/26 17:39	5
Zinc	ND		2.50	2.08	mg/Kg		01/30/26 09:38	02/01/26 17:39	5

Lab Sample ID: LCS 705-111035/2-A
Matrix: Solid
Analysis Batch: 111673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.381		mg/Kg		94	80 - 120
Arsenic	10.0	9.648		mg/Kg		96	80 - 120
Barium	10.0	9.739		mg/Kg		97	80 - 120
Beryllium	10.0	8.445		mg/Kg		84	80 - 120
Cadmium	10.0	9.529		mg/Kg		95	80 - 120
Chromium	10.0	10.32		mg/Kg		103	80 - 120
Cobalt	10.0	10.44		mg/Kg		104	80 - 120
Copper	10.0	10.05		mg/Kg		101	80 - 120
Lead	10.0	9.350		mg/Kg		93	80 - 120
Manganese	10.0	9.752		mg/Kg		98	80 - 120
Nickel	10.0	10.32		mg/Kg		103	80 - 120
Selenium	10.0	9.862		mg/Kg		99	80 - 120
Silver	1.00	1.022		mg/Kg		102	80 - 120
Thallium	10.0	9.652		mg/Kg		97	80 - 120
Vanadium	10.0	10.38		mg/Kg		104	80 - 120
Zinc	10.0	9.484		mg/Kg		95	80 - 120

Lab Sample ID: 752-41379-3 MS
Matrix: Solid
Analysis Batch: 111673

Client Sample ID: 825-SED-3
Prep Type: Total/NA
Prep Batch: 111035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	6.84	2.535	F1	mg/Kg	☼	37	75 - 125
Arsenic	1.23		6.84	6.554		mg/Kg	☼	78	75 - 125
Barium	41.6	B	6.84	54.02	4	mg/Kg	☼	182	75 - 125
Beryllium	0.228	J F1	6.84	5.157	F1	mg/Kg	☼	72	75 - 125
Cadmium	0.0643	J	6.84	6.597		mg/Kg	☼	95	75 - 125

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

Lab Sample ID: 752-41379-3 MS
Matrix: Solid
Analysis Batch: 111673

Client Sample ID: 825-SED-3
Prep Type: Total/NA
Prep Batch: 111035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	15.2	F1	6.84	19.74	F1	mg/Kg	☼	67	75 - 125
Cobalt	6.62		6.84	12.36		mg/Kg	☼	84	75 - 125
Copper	8.87		6.84	16.12		mg/Kg	☼	106	75 - 125
Lead	11.1		6.84	17.85		mg/Kg	☼	99	75 - 125
Manganese	105	B	6.84	111.6	4	mg/Kg	☼	96	75 - 125
Nickel	8.62		6.84	14.23		mg/Kg	☼	82	75 - 125
Selenium	0.620	J F1	6.84	4.869	F1	mg/Kg	☼	62	75 - 125
Silver	0.177	B	0.684	0.8444		mg/Kg	☼	98	75 - 125
Thallium	0.0581	J	6.84	6.395		mg/Kg	☼	93	75 - 125
Vanadium	21.1		6.84	28.20		mg/Kg	☼	104	75 - 125
Zinc	18.8		6.84	26.48		mg/Kg	☼	113	75 - 125

Lab Sample ID: 752-41379-3 MSD
Matrix: Solid
Analysis Batch: 111673

Client Sample ID: 825-SED-3
Prep Type: Total/NA
Prep Batch: 111035

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	6.84	2.453	F1	mg/Kg	☼	36	75 - 125	3	20
Arsenic	1.23		6.84	7.622		mg/Kg	☼	93	75 - 125	15	20
Barium	41.6	B	6.84	52.87	4	mg/Kg	☼	165	75 - 125	2	20
Beryllium	0.228	J F1	6.84	5.009	F1	mg/Kg	☼	70	75 - 125	3	20
Cadmium	0.0643	J	6.84	6.409		mg/Kg	☼	93	75 - 125	3	20
Chromium	15.2	F1	6.84	19.65	F1	mg/Kg	☼	65	75 - 125	0	20
Cobalt	6.62		6.84	12.40		mg/Kg	☼	85	75 - 125	0	20
Copper	8.87		6.84	17.03		mg/Kg	☼	119	75 - 125	5	20
Lead	11.1		6.84	18.18		mg/Kg	☼	104	75 - 125	2	20
Manganese	105	B	6.84	108.5	4	mg/Kg	☼	51	75 - 125	3	20
Nickel	8.62		6.84	14.45		mg/Kg	☼	85	75 - 125	2	20
Selenium	0.620	J F1	6.84	4.836	F1	mg/Kg	☼	62	75 - 125	1	20
Silver	0.177	B	0.684	0.7981		mg/Kg	☼	91	75 - 125	6	20
Thallium	0.0581	J	6.84	6.378		mg/Kg	☼	92	75 - 125	0	20
Vanadium	21.1		6.84	28.25		mg/Kg	☼	105	75 - 125	0	20
Zinc	18.8		6.84	26.11		mg/Kg	☼	107	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 705-111637/1-A
Matrix: Solid
Analysis Batch: 112021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.100	0.0146	mg/Kg		02/03/26 13:35	02/04/26 12:47	1

Lab Sample ID: LCS 705-111637/2-A
Matrix: Solid
Analysis Batch: 112021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.3777		mg/Kg		94	80 - 120

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MRL 400-738358/19
Matrix: Solid
Analysis Batch: 738358

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	0.0500	0.03600	J	mg/L		72	50 - 150

Lab Sample ID: MB 400-738223/1-A
Matrix: Solid
Analysis Batch: 738358

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		0.978	0.313	mg/Kg			02/04/26 11:34	1

Lab Sample ID: LCS 400-738223/2-A
Matrix: Solid
Analysis Batch: 738358

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia (as N)	58.9	58.55		mg/Kg		99	90 - 110

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 400-738135/1-A
Matrix: Solid
Analysis Batch: 738259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 738135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		1.00	0.100	mg/Kg		02/03/26 10:00	02/03/26 20:12	1

Lab Sample ID: LCS 400-738135/2-A
Matrix: Solid
Analysis Batch: 738259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 738135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.00	1.970		mg/Kg		99	85 - 115

Lab Sample ID: 752-41379-1 MS
Matrix: Solid
Analysis Batch: 738259

Client Sample ID: 825-SED-1
Prep Type: Total/NA
Prep Batch: 738135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	561	1029	F1	mg/Kg	☼	183	75 - 125

Lab Sample ID: 752-41379-1 MSD
Matrix: Solid
Analysis Batch: 738259

Client Sample ID: 825-SED-1
Prep Type: Total/NA
Prep Batch: 738135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	ND	F1	531	1067	F1	mg/Kg	☼	201	75 - 125	4	15

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: 752-41379-2 MS
Matrix: Solid
Analysis Batch: 738259

Client Sample ID: 825-SED-2
Prep Type: Total/NA
Prep Batch: 738135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.483	J	2.37	2.384		mg/Kg	☼	80	75 - 125

Lab Sample ID: 752-41379-2 MSD
Matrix: Solid
Analysis Batch: 738259

Client Sample ID: 825-SED-2
Prep Type: Total/NA
Prep Batch: 738135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.483	J	2.25	2.422		mg/Kg	☼	86	75 - 125	2	15

QC Association Summary

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

Job ID: 752-41379-1

GC/MS VOA

Analysis Batch: 738540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	8260D	738601
752-41379-2	825-SED-2	Total/NA	Solid	8260D	738601
752-41379-3	825-SED-3	Total/NA	Solid	8260D	738601
752-41379-4	825-SED-4	Total/NA	Solid	8260D	738601
752-41379-5	825-SED-5	Total/NA	Solid	8260D	738601
752-41379-6	825-SED-6	Total/NA	Solid	8260D	738601
752-41379-7	825-SED-DUP	Total/NA	Solid	8260D	738601
MB 400-738601/2-A	Method Blank	Total/NA	Solid	8260D	738601
LCS 400-738601/1-A	Lab Control Sample	Total/NA	Solid	8260D	738601

Analysis Batch: 738544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-8	Trip Blank	Total/NA	Water	8260D	
MB 400-738544/21	Method Blank	Total/NA	Water	8260D	
LCS 400-738544/1009	Lab Control Sample	Total/NA	Water	8260D	

Prep Batch: 738601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	5035	
752-41379-2	825-SED-2	Total/NA	Solid	5035	
752-41379-3	825-SED-3	Total/NA	Solid	5035	
752-41379-4	825-SED-4	Total/NA	Solid	5035	
752-41379-5	825-SED-5	Total/NA	Solid	5035	
752-41379-6	825-SED-6	Total/NA	Solid	5035	
752-41379-7	825-SED-DUP	Total/NA	Solid	5035	
MB 400-738601/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-738601/1-A	Lab Control Sample	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 738032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	3546	
752-41379-2	825-SED-2	Total/NA	Solid	3546	
752-41379-3	825-SED-3	Total/NA	Solid	3546	
752-41379-4	825-SED-4	Total/NA	Solid	3546	
752-41379-5	825-SED-5	Total/NA	Solid	3546	
752-41379-6	825-SED-6	Total/NA	Solid	3546	
752-41379-7	825-SED-DUP	Total/NA	Solid	3546	
MB 400-738032/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-738032/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 738145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	3546	
752-41379-2	825-SED-2	Total/NA	Solid	3546	
752-41379-3	825-SED-3	Total/NA	Solid	3546	
752-41379-4	825-SED-4	Total/NA	Solid	3546	
752-41379-5	825-SED-5	Total/NA	Solid	3546	
752-41379-6	825-SED-6	Total/NA	Solid	3546	
752-41379-7	825-SED-DUP	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 738145 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-738145/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-738145/2-A	Lab Control Sample	Total/NA	Solid	3546	
752-41379-1 MS	825-SED-1	Total/NA	Solid	3546	
752-41379-1 MSD	825-SED-1	Total/NA	Solid	3546	

Analysis Batch: 738175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	8270E	738032
752-41379-2	825-SED-2	Total/NA	Solid	8270E	738032
752-41379-3	825-SED-3	Total/NA	Solid	8270E	738032
MB 400-738032/1-A	Method Blank	Total/NA	Solid	8270E	738032
LCS 400-738032/2-A	Lab Control Sample	Total/NA	Solid	8270E	738032

Analysis Batch: 738295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-4	825-SED-4	Total/NA	Solid	8270E	738032
752-41379-5	825-SED-5	Total/NA	Solid	8270E	738032
752-41379-6	825-SED-6	Total/NA	Solid	8270E	738032
752-41379-7	825-SED-DUP	Total/NA	Solid	8270E	738032

Analysis Batch: 738401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	8270E SIM ID	738145
752-41379-2	825-SED-2	Total/NA	Solid	8270E SIM ID	738145
752-41379-3	825-SED-3	Total/NA	Solid	8270E SIM ID	738145
752-41379-4	825-SED-4	Total/NA	Solid	8270E SIM ID	738145
752-41379-5	825-SED-5	Total/NA	Solid	8270E SIM ID	738145
752-41379-6	825-SED-6	Total/NA	Solid	8270E SIM ID	738145
752-41379-7	825-SED-DUP	Total/NA	Solid	8270E SIM ID	738145
MB 400-738145/1-A	Method Blank	Total/NA	Solid	8270E SIM ID	738145
LCS 400-738145/2-A	Lab Control Sample	Total/NA	Solid	8270E SIM ID	738145
752-41379-1 MS	825-SED-1	Total/NA	Solid	8270E SIM ID	738145
752-41379-1 MSD	825-SED-1	Total/NA	Solid	8270E SIM ID	738145

HPLC/IC

Leach Batch: 111538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Soluble	Solid	DI Leach	
752-41379-2	825-SED-2	Soluble	Solid	DI Leach	
752-41379-3	825-SED-3	Soluble	Solid	DI Leach	
752-41379-4	825-SED-4	Soluble	Solid	DI Leach	
752-41379-5	825-SED-5	Soluble	Solid	DI Leach	
752-41379-6	825-SED-6	Soluble	Solid	DI Leach	
752-41379-7	825-SED-DUP	Soluble	Solid	DI Leach	
MB 705-111538/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 705-111538/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
752-41379-1 MS	825-SED-1	Soluble	Solid	DI Leach	
752-41379-1 MSD	825-SED-1	Soluble	Solid	DI Leach	

HPLC/IC

Analysis Batch: 111652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Soluble	Solid	9056A	111538
752-41379-2	825-SED-2	Soluble	Solid	9056A	111538
752-41379-3	825-SED-3	Soluble	Solid	9056A	111538
752-41379-4	825-SED-4	Soluble	Solid	9056A	111538
752-41379-5	825-SED-5	Soluble	Solid	9056A	111538
752-41379-6	825-SED-6	Soluble	Solid	9056A	111538
752-41379-7	825-SED-DUP	Soluble	Solid	9056A	111538
MB 705-111538/1-A	Method Blank	Soluble	Solid	9056A	111538
LCS 705-111538/2-A	Lab Control Sample	Soluble	Solid	9056A	111538
752-41379-1 MS	825-SED-1	Soluble	Solid	9056A	111538
752-41379-1 MSD	825-SED-1	Soluble	Solid	9056A	111538

Analysis Batch: 111653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Soluble	Solid	9056A	111538
752-41379-2	825-SED-2	Soluble	Solid	9056A	111538
752-41379-3	825-SED-3	Soluble	Solid	9056A	111538
752-41379-4	825-SED-4	Soluble	Solid	9056A	111538
752-41379-5	825-SED-5	Soluble	Solid	9056A	111538
752-41379-6	825-SED-6	Soluble	Solid	9056A	111538
752-41379-7	825-SED-DUP	Soluble	Solid	9056A	111538
MB 705-111538/1-A	Method Blank	Soluble	Solid	9056A	111538
LCS 705-111538/2-A	Lab Control Sample	Soluble	Solid	9056A	111538
752-41379-1 MS	825-SED-1	Soluble	Solid	9056A	111538
752-41379-1 MSD	825-SED-1	Soluble	Solid	9056A	111538

Metals

Prep Batch: 111035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	3050B	
752-41379-2	825-SED-2	Total/NA	Solid	3050B	
752-41379-3	825-SED-3	Total/NA	Solid	3050B	
752-41379-4	825-SED-4	Total/NA	Solid	3050B	
752-41379-5	825-SED-5	Total/NA	Solid	3050B	
752-41379-6	825-SED-6	Total/NA	Solid	3050B	
752-41379-7	825-SED-DUP	Total/NA	Solid	3050B	
MB 705-111035/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 705-111035/2-A	Lab Control Sample	Total/NA	Solid	3050B	
752-41379-3 MS	825-SED-3	Total/NA	Solid	3050B	
752-41379-3 MSD	825-SED-3	Total/NA	Solid	3050B	

Prep Batch: 111637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	7471B	
752-41379-2	825-SED-2	Total/NA	Solid	7471B	
752-41379-3	825-SED-3	Total/NA	Solid	7471B	
752-41379-4	825-SED-4	Total/NA	Solid	7471B	
752-41379-5	825-SED-5	Total/NA	Solid	7471B	
752-41379-6	825-SED-6	Total/NA	Solid	7471B	
752-41379-7	825-SED-DUP	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 111637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-111637/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 705-111637/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 111673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	6020B	111035
752-41379-2	825-SED-2	Total/NA	Solid	6020B	111035
752-41379-3	825-SED-3	Total/NA	Solid	6020B	111035
752-41379-4	825-SED-4	Total/NA	Solid	6020B	111035
752-41379-5	825-SED-5	Total/NA	Solid	6020B	111035
752-41379-6	825-SED-6	Total/NA	Solid	6020B	111035
752-41379-7	825-SED-DUP	Total/NA	Solid	6020B	111035
MB 705-111035/1-A	Method Blank	Total/NA	Solid	6020B	111035
LCS 705-111035/2-A	Lab Control Sample	Total/NA	Solid	6020B	111035
752-41379-3 MS	825-SED-3	Total/NA	Solid	6020B	111035
752-41379-3 MSD	825-SED-3	Total/NA	Solid	6020B	111035

Analysis Batch: 112021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	7471B	111637
752-41379-2	825-SED-2	Total/NA	Solid	7471B	111637
752-41379-3	825-SED-3	Total/NA	Solid	7471B	111637
752-41379-4	825-SED-4	Total/NA	Solid	7471B	111637
752-41379-5	825-SED-5	Total/NA	Solid	7471B	111637
752-41379-6	825-SED-6	Total/NA	Solid	7471B	111637
752-41379-7	825-SED-DUP	Total/NA	Solid	7471B	111637
MB 705-111637/1-A	Method Blank	Total/NA	Solid	7471B	111637
LCS 705-111637/2-A	Lab Control Sample	Total/NA	Solid	7471B	111637

Analysis Batch: 112545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	6020B	111035
752-41379-2	825-SED-2	Total/NA	Solid	6020B	111035
752-41379-4	825-SED-4	Total/NA	Solid	6020B	111035
752-41379-5	825-SED-5	Total/NA	Solid	6020B	111035
752-41379-6	825-SED-6	Total/NA	Solid	6020B	111035
752-41379-7	825-SED-DUP	Total/NA	Solid	6020B	111035

General Chemistry

Prep Batch: 738135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	3060A	
752-41379-2	825-SED-2	Total/NA	Solid	3060A	
752-41379-3	825-SED-3	Total/NA	Solid	3060A	
752-41379-4	825-SED-4	Total/NA	Solid	3060A	
752-41379-5	825-SED-5	Total/NA	Solid	3060A	
752-41379-6	825-SED-6	Total/NA	Solid	3060A	
752-41379-7	825-SED-DUP	Total/NA	Solid	3060A	
MB 400-738135/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 400-738135/2-A	Lab Control Sample	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 738135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1 MS	825-SED-1	Total/NA	Solid	3060A	
752-41379-1 MSD	825-SED-1	Total/NA	Solid	3060A	
752-41379-2 MS	825-SED-2	Total/NA	Solid	3060A	
752-41379-2 MSD	825-SED-2	Total/NA	Solid	3060A	

Analysis Batch: 738190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	Moisture	
752-41379-2	825-SED-2	Total/NA	Solid	Moisture	
752-41379-3	825-SED-3	Total/NA	Solid	Moisture	
752-41379-4	825-SED-4	Total/NA	Solid	Moisture	
752-41379-5	825-SED-5	Total/NA	Solid	Moisture	
752-41379-6	825-SED-6	Total/NA	Solid	Moisture	
752-41379-7	825-SED-DUP	Total/NA	Solid	Moisture	

Leach Batch: 738223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Soluble	Solid	DI Leach	
752-41379-2	825-SED-2	Soluble	Solid	DI Leach	
752-41379-3	825-SED-3	Soluble	Solid	DI Leach	
752-41379-4	825-SED-4	Soluble	Solid	DI Leach	
752-41379-5	825-SED-5	Soluble	Solid	DI Leach	
752-41379-6	825-SED-6	Soluble	Solid	DI Leach	
752-41379-7	825-SED-DUP	Soluble	Solid	DI Leach	
MB 400-738223/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 400-738223/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Analysis Batch: 738259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Total/NA	Solid	7199	738135
752-41379-2	825-SED-2	Total/NA	Solid	7199	738135
752-41379-3	825-SED-3	Total/NA	Solid	7199	738135
752-41379-4	825-SED-4	Total/NA	Solid	7199	738135
752-41379-5	825-SED-5	Total/NA	Solid	7199	738135
752-41379-6	825-SED-6	Total/NA	Solid	7199	738135
752-41379-7	825-SED-DUP	Total/NA	Solid	7199	738135
MB 400-738135/1-A	Method Blank	Total/NA	Solid	7199	738135
LCS 400-738135/2-A	Lab Control Sample	Total/NA	Solid	7199	738135
752-41379-1 MS	825-SED-1	Total/NA	Solid	7199	738135
752-41379-1 MSD	825-SED-1	Total/NA	Solid	7199	738135
752-41379-2 MS	825-SED-2	Total/NA	Solid	7199	738135
752-41379-2 MSD	825-SED-2	Total/NA	Solid	7199	738135

Analysis Batch: 738358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-1	825-SED-1	Soluble	Solid	350.1	738223
752-41379-2	825-SED-2	Soluble	Solid	350.1	738223
752-41379-3	825-SED-3	Soluble	Solid	350.1	738223
752-41379-4	825-SED-4	Soluble	Solid	350.1	738223
752-41379-5	825-SED-5	Soluble	Solid	350.1	738223
752-41379-6	825-SED-6	Soluble	Solid	350.1	738223

General Chemistry (Continued)

Analysis Batch: 738358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-41379-7	825-SED-DUP	Soluble	Solid	350.1	738223
MB 400-738223/1-A	Method Blank	Soluble	Solid	350.1	738223
LCS 400-738223/2-A	Lab Control Sample	Soluble	Solid	350.1	738223
MRL 400-738358/19	Lab Control Sample	Total/NA	Solid	350.1	

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: 825-SED-1
Lab Sample ID: 752-41379-1
Date Collected: 01/27/26 12:00
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-1
Lab Sample ID: 752-41379-1
Date Collected: 01/27/26 12:00
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 19:56
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 12:13
Total/NA	Analysis	8270E		1	738175	KJA	EET PEN	02/03/26 22:53
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 09:41
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 21:01
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 21:01
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 17:58
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	112545	TT	EET ATL	02/05/26 21:06
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:11
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:00
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 20:37

Client Sample ID: 825-SED-2
Lab Sample ID: 752-41379-2
Date Collected: 01/27/26 12:45
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-2
Lab Sample ID: 752-41379-2
Date Collected: 01/27/26 12:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 20:21
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 12:13
Total/NA	Analysis	8270E		1	738175	KJA	EET PEN	02/03/26 23:24

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: 825-SED-2
Lab Sample ID: 752-41379-2

Date Collected: 01/27/26 12:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 10:02
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 22:10
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 22:10
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 18:01
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	112545	TT	EET ATL	02/05/26 21:28
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:14
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:03
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 21:15

Client Sample ID: 825-SED-3
Lab Sample ID: 752-41379-3

Date Collected: 01/27/26 13:30
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-3
Lab Sample ID: 752-41379-3

Date Collected: 01/27/26 13:30
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 74.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 20:46
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 12:13
Total/NA	Analysis	8270E		1	738175	KJA	EET PEN	02/03/26 23:55
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 13:26
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 22:22
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 22:22
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 17:45
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:17
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:06

Lab Chronicle

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

Job ID: 752-41379-1

Client Sample ID: 825-SED-3

Lab Sample ID: 752-41379-3

Date Collected: 01/27/26 13:30
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 74.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 21:53

Client Sample ID: 825-SED-4

Lab Sample ID: 752-41379-4

Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-4

Lab Sample ID: 752-41379-4

Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 21:11
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 13:39
Total/NA	Analysis	8270E		1	738295	JAW	EET PEN	02/04/26 14:32
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 13:47
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 22:33
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 22:33
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 18:23
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	112545	TT	EET ATL	02/05/26 21:31
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:21
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:19
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 22:06

Client Sample ID: 825-SED-5

Lab Sample ID: 752-41379-5

Date Collected: 01/27/26 15:00
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-5
Lab Sample ID: 752-41379-5

Date Collected: 01/27/26 15:00
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 21:36
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 13:39
Total/NA	Analysis	8270E		1	738295	JAW	EET PEN	02/04/26 15:03
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 14:08
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 22:45
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 22:45
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 18:26
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	112545	TT	EET ATL	02/05/26 21:35
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:24
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:21
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 22:44

Client Sample ID: 825-SED-6
Lab Sample ID: 752-41379-6

Date Collected: 01/27/26 15:45
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-6
Lab Sample ID: 752-41379-6

Date Collected: 01/27/26 15:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 72.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 22:01
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 13:39
Total/NA	Analysis	8270E		1	738295	JAW	EET PEN	02/04/26 15:33
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 14:29
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 22:57
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 16:59
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 22:57
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 18:30

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: 825-SED-6
Lab Sample ID: 752-41379-6

Date Collected: 01/27/26 15:45
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 72.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	112545	TT	EET ATL	02/05/26 21:38
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:27
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:24
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 22:56

Client Sample ID: 825-SED-DUP
Lab Sample ID: 752-41379-7

Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	738190	TMP	EET PEN	02/03/26 10:31

Client Sample ID: 825-SED-DUP
Lab Sample ID: 752-41379-7

Date Collected: 01/27/26 14:15
Matrix: Solid
Date Received: 01/27/26 16:45
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			738601	BPO	EET PEN	02/06/26 12:10
Total/NA	Analysis	8260D		1	738540	BPO	EET PEN	02/06/26 22:26
Total/NA	Prep	3546			738032	EJW	EET PEN	02/02/26 13:39
Total/NA	Analysis	8270E		1	738295	JAW	EET PEN	02/04/26 16:04
Total/NA	Prep	3546			738145	EJW	EET PEN	02/03/26 10:06
Total/NA	Analysis	8270E SIM ID		1	738401	VC1	EET PEN	02/05/26 14:51
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:01
Soluble	Analysis	9056A		1	111652	JO	EET ATL 2	02/02/26 23:08
Soluble	Leach	DI Leach			111538	JO	EET ATL	02/02/26 17:01
Soluble	Analysis	9056A		1	111653	JO	EET ATL 2	02/02/26 23:08
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	111673	TT	EET ATL	02/01/26 18:33
Total/NA	Prep	3050B			111035	SA	EET ATL	01/30/26 09:38
Total/NA	Analysis	6020B		5	112545	TT	EET ATL	02/05/26 21:41
Total/NA	Prep	7471B			111637	KB	EET ATL	02/03/26 13:35
Total/NA	Analysis	7471B		1	112021	GR	EET ATL	02/04/26 13:31
Soluble	Leach	DI Leach			738223	CAC	EET PEN	02/03/26 15:00
Soluble	Analysis	350.1		1	738358	CAC	EET PEN	02/04/26 12:27
Total/NA	Prep	3060A			738135	AC	EET PEN	02/03/26 10:00
Total/NA	Analysis	7199		1	738259	AR	EET PEN	02/03/26 23:09

Lab Chronicle

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Client Sample ID: Trip Blank
Lab Sample ID: 752-41379-8
Date Collected: 01/27/26 00:00
Matrix: Water
Date Received: 01/27/26 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738544	RSG	EET PEN	02/06/26 19:20

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: S&ME Inc
Job ID: 752-41379-1
Project/Site: Northgate Park

Laboratory: Eurofins Atlanta

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

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	562	12-31-26

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	314	12-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
350.1		Solid	Ammonia (as N)
8260D		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: 752-41379-1

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 2
6020B	Metals (ICP/MS)	SW846	EET ATL
7471B	Mercury (CVAA)	SW846	EET ATL
350.1	Nitrogen, Ammonia	EPA	EET PEN
7199	Chromium, Hexavalent (IC)	SW846	EET PEN
Moisture	Percent Moisture	EPA	EET PEN
3050B	Preparation, Metals	SW846	EET ATL
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
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 ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

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

Job ID: 752-41379-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
752-41379-1	825-SED-1	Solid	01/27/26 12:00	01/27/26 16:45	North Carolina
752-41379-2	825-SED-2	Solid	01/27/26 12:45	01/27/26 16:45	North Carolina
752-41379-3	825-SED-3	Solid	01/27/26 13:30	01/27/26 16:45	North Carolina
752-41379-4	825-SED-4	Solid	01/27/26 14:15	01/27/26 16:45	North Carolina
752-41379-5	825-SED-5	Solid	01/27/26 15:00	01/27/26 16:45	North Carolina
752-41379-6	825-SED-6	Solid	01/27/26 15:45	01/27/26 16:45	North Carolina
752-41379-7	825-SED-DUP	Solid	01/27/26 14:15	01/27/26 16:45	North Carolina
752-41379-8	Trip Blank	Water	01/27/26 00:00	01/27/26 16:45	North Carolina

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone (919) 467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Brandon Govern.	Lab PM: Bechtold, Chad	Carrier Tracking No(s):	COC No: 680-170290-59895.1
Client Contact: Jerry Paul	Phone:	E-Mail: Chad.Bechtold@et.eurofinsus.com	State of Origin: NC	Page: Page 1 of 1
Company: S&ME Inc	PWSID:			Job #:
Address: 3201 Spring Forest Road	Due Date Requested:			
City: Raleigh	TAT Requested (days): Standard			
State, Zip: NC, 27616	Compliance Project: Δ Yes Δ No			
Phone: 919-872-2660(Tel) 919-876-3958(Fax)	PO #: 23050630BM			
Email: jpaul@smeinc.com	WO #:			
Project Name: Northgate Park	Project #: 68026680			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
PL - MeOH/NaHS04
A - HCL

752-41379 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	350.1 - Ammonia as N	8270E_QQQ - SVOCs, 8270E_SIM_ID_D5 - 1,4-Dioxane	8260D - VOC NC 02L List	6020B_LL - PRLF 16 Metals; 7473 - Hg	9056A_ORGFM_28D - Sulfate, 9056A_ORGFM_48H - Nitrate	7199 - Hexavalent Chromium	8260D - VOC NC 02L List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	PL	N	N	N	A		
825 - SED - 1	1-27-26	1200	G	S	N	N	X	X	X	X	X	X	X	9	
825 - SED - 2		1245												9	
825 - SED - 3		1330												9	
825 - SED - 4		1415												9	
825 - SED - 5		1500												9	
825 - SED - 6		1545												9	
825 - SED - DUP		1415												9	
Trip Blanks															

Initial Temperature: 1.8 °C
Correction Factor: -0.3°C
Corrected Temperature: 1.5 °C
Temp IR Gun: CRY-T-132
Initials: RY BR PG DW DO HH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Brandon Govern	1/27/26 1645	S&ME	[signature]	1/27/26 1645	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Eurofins Raleigh
104 Woodwinds Industrial Court Suite A
Cary, NC 27511
Phone: 919-467-3090

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Bechtold, Chad	Carrier Tracking No(s): N/A	COC No: 752-7833.1
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 #: 752-41379-1
Address: 3355 McLemore Drive, ,	Due Date Requested: 1/30/2026			Preservation Codes: -
City: Pensacola	TAT Requested (days): N/A			
State, Zip: FL, 32514				
Phone: 850-474-1001(Tel) 850-478-2671(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Northgate Park	Project #: 68026680			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ/3546SVOC TCL OLM4 2	8270E_SIM_ID_D5/35461,4-Dioxane	Moisture	350.1/DI_LEACHAmmonia as N	7199/3060AChromium, Hexavalent (IC)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
825-SED-1 (752-41379-1)	1/27/26	12.00 Eastern	G	Solid			X	X	X	X	X	6	
825-SED-2 (752-41379-2)	1/27/26	12.45 Eastern	G	Solid			X	X	X	X	X	6	
825-SED-3 (752-41379-3)	1/27/26	13 30 Eastern	G	Solid			X	X	X	X	X	6	
825-SED-4 (752-41379-4)	1/27/26	14 15 Eastern	G	Solid			X	X	X	X	X	6	
825-SED-5 (752-41379-5)	1/27/26	15 00 Eastern	G	Solid			X	X	X	X	X	6	
825-SED-6 (752-41379-6)	1/27/26	15 45 Eastern	G	Solid			X	X	X	X	X	6	
825-SED-DUP (752-41379-7)	1/27/26	14 15 Eastern	G	Solid			X	X	X	X	X	6	

Note: Since laboratory accreditations are subject to change Eurofins Drinking Water and Wastewater 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 Drinking Water and Wastewater Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Southeast, LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	DR	1/28/26 1620				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/2/26 847	Company EEDS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0,0.0 IR8

Ver 10/10/2024

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41379-1

Login Number: 41379

List Source: Eurofins Raleigh

List Number: 1

Creator: Yonish, Rachel

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: S&ME Inc

Job Number: 752-41379-1

Login Number: 41379
List Number: 2
Creator: Sims, Christion

List Source: Eurofins Atlanta
List Creation: 01/29/26 12:27 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: 752-41379-1

Login Number: 41379
List Number: 3
Creator: Pardonner, Brett

List Source: Eurofins Pensacola
List Creation: 02/02/26 11:28 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	0.0°C 0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix IV – Historical Laboratory Data Tables (Groundwater, Soil Gas, Surface Water and Sediment)

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

Analytical Method	Analyte	CAS Number	Sample ID	LFGP-1				LFGP-2				LFGP-3				LFGP-4				LFGP-5			
			Date Collected	9/4/2025	11/5/2025	12/19/2025	1/19/2026	9/4/2025	11/5/2025	12/19/2025	1/19/2026	9/4/2025	11/5/2025	12/19/2025	1/19/2026	9/4/2025	11/5/2025	12/19/2025	1/19/2026	9/4/2025	11/5/2025	12/19/2025	1/19/2026
Volatile Organic Compounds by Method TO-15 (µg/m3)	1,3-Butadiene	106-99-0		ND	**3.4**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	541-73-1		ND	ND	ND	ND	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	67-64-1		**54**	**22.0**	**13 J**	**9.7 J**	**50**	**50**	**24**	**24**	**25**	**25**	**9.3 J**	**12 J**	**39**	**39**	**8.1 J**	**14 J**	**29**	**29**	ND	**11 J**
	Benzene	71-43-2		ND	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	67-66-3		ND	ND	ND	ND	ND	ND	ND	ND	**9.1**	ND	**2.0 J**	**2.3 J**	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	64-17-5		ND	**74**	**22 *-*1**	**5.6 J**	ND	**82**	**24 *-*1**	**33**	ND	**66**	**7.7 J*-*1**	**10 J**	ND	**48**	**12 J*-*1**	ND	ND	**48**	ND	ND
	Trichlorofluoromethane (Freon 11)	75-69-4		ND	ND	ND	ND	ND	ND	ND	**1.8 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon 12)	75-71-8		ND	ND	**2.2 J**	**2.3 J**	ND	ND	**2.2 J**	**2.4 J**	ND	ND	**2.3 J**	**2.2 J**	ND	ND	**2.1 J**	**2.1 J**	ND	ND	ND	**2.3 J**
	Heptane	142-82-5		ND	**13**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexane	110-54-3		**5.5**	ND	ND	ND	**2.9**	ND	ND	**1.3 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene Chloride	75-09-2		ND	ND	ND	**2.1 J**	ND	ND	**2.4 J**	**2.3 J**	ND	ND	ND	**2.0 J**	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	108-38-3; 106-42-3		ND	ND	ND	ND	ND	ND	ND	**3.3 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Propanol	67-63-0		**94**	ND	**4.3 J**	ND	**18**	ND	**7.3 J**	**9.2**	**45**	**9.5**	**3.0 J**	ND	**20**	ND	**4.5 J**	**2.7 J**	**17**	ND	ND	ND
	2-Butanone (MEK)	78-93-3		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.3 J**	ND	ND	ND	ND
	Styrene	100-42-5		ND	ND	ND	ND	ND	ND	ND	**1.7 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrahydrofuran	109-99-9		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.88 J**	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	108-88-3		ND	ND	ND	**7.5**	ND	ND	ND	**35**	ND	ND	ND	**16**	ND	ND	ND	**6.8**	ND	ND	ND	**11**
ASTM D5504 (µg/m³)	Hydrogen Sulfide	7783-06-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NIOSH 6009 (µg/m³)	Mercury	7439-97-6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Method Modified ASTM D 1946 (%)	Methane	74-82-8		**0.00041**	**0.00023**	**0.00020**	**0.00019**	**0.013**	**0.00022**	**0.00022**	**0.00021**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.000061 J**	**0.00016 J**
NCDEQ Risk Calculator Values	Vapor Intrustion Residential Worker Soil Gas To Indoor Air	**Cumulative Carcinogenic Risk**		0.0E+00	1.3E-06	0.0E+00	6.2E-10	0.0E+00	0.0E+00	7.10E-10	6.8E-10	2.2E-06	0.0E+00	0.0E+00	6.4E-07	0.0E+00	0.0E+00	0.00E+00	0.00E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
		Non-Carcinogenic Hazard Quotient		1.40E-02	5.3E-02	1.3E-03	8.1E-04	2.7E-03	0.0E+00	1.8E-03	3.4E-03	1.40E-01	1.4E-03	1.1E-03	3.9E-02	2.9E-03	0.0E+00	1.30E-03	1.1E-03	2.4E-03	0.0E+00	0.0E+00	7.2E-04
	Vapor Intrustion Non-Residential Worker Soil Gas To Indoor Air	**Cumulative Carcinogenic Risk**		0.0E+00	1.0E-07	0.0E+00	1.7E-11	0.0E+00	0.0E+00	2.0E-11	1.9E-11	1.7E-07	0.0E+00	0.0E+00	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
		Non-Carcinogenic Hazard Quotient		1.1E-03	4.2E-03	9.9E-05	6.4E-05	2.1E-04	0.0E+00	1.4E-04	2.7E-04	1.1E-02	1.1E-04	8.7E-05	3.1E-03	2.3E-04	0.0E+00	9.90E-05	8.3E-05	1.9E-04	0.0E+00	0.0E+00	5.8E-05

Notes:
µg/m^3: micrograms per cubic meter.
Concentrations shown in **BOLD** exceed the laboratory detection limits.
Concentrations that were not entered into the NCDEQ Risk Calculator (January 2025 Version).
Exceedes the Lower Explosive Limit (LEL) of methane which is 5% by volume, exceedances of the LEL are highlighted.
NCDEQ Risk Calculator Values shown in red exceed risk.
ND: Not Detected
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*-: LCS and/or LCSD is outside acceptance limits, low biased.
*1: LCS/LCSD RPD exceeds control limits.

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

Analytical Method		Method 8270E - SVOCs (µg/L)	Method 8260D - VOCs (µg/L)		Method 6020B - Metals (µg/L)										Method 350.1 (µg/L)	Method SM Nitrate by Calc.	Method 353.2 (µg/L)	Method 9056A (µg/L)	NCDEQ Risk Calculator for Direct Contact Recreator/Trespasser Receptor	
CAS Number		105-60-2	67-64-1	108-88-3	7440-39-3	7440-43-9	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7782-49-2	7440-62-2	7440-66-6	7664-41-7	14797-55-8	14797-65-0	14808-79-8		
Analyte		Caprolactam	Acetone	Toluene	Barium	Cadmium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Vanadium	Zinc	Ammonia as (N)	Nitrate as (N)	Nitrite as (N)	Sulfate	Cumulative Carcinogenic Risk	Non-Carcinogenic Hazard Quotient
Sample ID	Date Collected																			
SW-1	5/22/2025	ND	ND	ND	46.3	ND	0.567 J	2.09	ND	91.8	1.66 J	ND	1.77 J	13.7	27.2 J	ND	ND	16,000	0.0E+00	4.9E-02
	10/31/2025	ND	ND	ND	29.7	ND	ND	4.52 B	ND	80.0	1.40 J	2.38 J B^+	1.40 J	10.4	ND	42 J	ND	7,140	0.0E+00	3.8E-02
	12/9/2025	ND	ND	ND	31.5	ND	ND	2.18	ND	64.4	1.76 J	ND	ND	ND	20 J	ND	ND	11,100	0.0E+00	2.6E-02
	1/27/2026	ND	7.97 J	0.471 J	148	ND	0.454 J	3.83 B	1.1	112	2.62 J B	ND	ND	47.6	380	235	33.6 J	30,900	0.0E+00	5.8E-02
SW-2	5/22/2025	ND	ND	ND	49.8	ND	0.568 J	2.22	ND	88.5	1.56 J	ND	1.75 J	13	31 J	ND	ND	16,100	0.0E+00	4.8E-02
	10/31/2025	2.92 J	ND	ND	26.0	ND	ND	4.54 B	ND	54.3	1.24 J	4.00 J B^+	1.56 J	9.32 J	ND	38 J F1	ND	6,130	0.0E+00	3.0E-02
	12/9/2025	ND	ND	ND	33.7	ND	ND	2.30	ND	51.9	1.48 J	ND	ND	ND	21 J	ND	ND	11,200	0.0E+00	2.2E-02
	1/27/2026	ND	6.19 J	0.485 J	148	ND	0.621 J	3.40 B	1.24	128	2.90 J B	ND	1.25 J	37.3	458 F1	302	28.8 J	30,700	0.0E+00	6.9E-02
SW-3	5/22/2025	ND	ND	ND	47.4	ND	0.564 J	2.17	ND	88.7	1.70 J	ND	1.72 J	17.5	ND	ND	ND	16,600	0.0E+00	4.8E-02
	10/31/2025	ND	ND	ND	26.0	ND	ND	4.70 B	ND	40.1	1.20 J	4.37 J B^+	1.65 J	9.60 J	ND	43 J F1	ND	6,240	0.0E+00	2.5E-02
	12/9/2025	ND	ND	ND	33.0	ND	ND	2.35	ND	54.7	1.28 J	ND	ND	ND	28 J	ND	ND	11,300	0.0E+00	2.4E-02
	1/27/2026	ND	8.18 J	0.309 J	145.0	ND	0.459 J	3.39 B	1.08	97.5	2.69 J B	ND	ND	42.6	545	299	27.4 J	30,200	0.0E+00	5.2E-02
SW-4	5/22/2025	ND	ND	ND	42.1	ND	0.528 J	2.39	ND	76.7	1.71 J	ND	2.78 J	14.5	25.2 J	ND	ND	16,900	0.0E+00	4.5E-02
	10/31/2025	ND	ND	ND	25.2	ND	ND	4.23 B	ND	38.0	1.16 J	3.65 J B^+	1.40 J	ND	ND	40 J	ND	5,990	0.0E+00	2.5E-02
	12/9/2025	ND	ND	ND	33.6	ND	ND	2.58	ND	67.1	1.39 J	ND	ND	ND	33 J	ND	ND	11,200	0.0E+00	2.7E-02
	1/27/2026	ND	7.43 J	0.264 J	139	ND	ND	4.01 B	1.15	98.4	2.52 J B	ND	ND	38.0	556	303	29.1 J	29,500	0.0E+00	4.9E-02
SW-5	5/22/2025	ND	ND	ND	46.8	ND	0.780 J	2.20	0.944 J	146	1.64 J	ND	2.65 J	16.2	40.4 J	ND	ND	13,400	0.0E+00	7.5E-02
	10/31/2025	ND	ND	ND	25.7	0.38 J	ND	4.35 B	ND	43.2	1.49 J	ND	1.54 J	9.26 J	ND	35 J	ND	6,190	0.0E+00	3.7E-02
	12/9/2025	ND	ND	ND	32.7	ND	ND	2.43	ND	53.4	1.39 J	ND	ND	ND	32 J	ND	ND	11,500	0.0E+00	2.2E-02
	1/27/2026	ND	7.13 J	ND	133	ND	0.552 J	3.77 B	1.16	102	2.20 J B	ND	1.36 J	40.0	345	296	29.5 J	24,500	0.0E+00	5.8E-02
SW-6	5/22/2025	ND	ND	ND	42.8	ND	0.507 J	2.29	ND	74.4	1.82 J	ND	2.53 J	19	83 J	ND	ND	59,500	0.0E+00	4.4E-02
	10/31/2025	ND	ND	ND	26.3	0.39 J	ND	4.43 B	ND	32.4	1.34 J	ND	1.49 J	9.73 J	ND	30 J	ND	6,320	0.0E+00	3.3E-02
	12/9/2025	ND	ND	ND	32.6	ND	ND	2.28	ND	53.8	1.72 J	ND	ND	ND	13,500	ND	ND	11,500	0.0E+00	2.2E-02
	1/27/2026	ND	7.72 J	0.225 J	142	ND	ND	3.66 B	0.94 J	95.0	2.56 J B	ND	ND	43.0	462	302	26.0 J	29,000	0.0E+00	4.5E-02
15A NCAC 2B Surface Water Standards		NE	NE	11	1,000	0.25	NE	2.7	0.54	NE	16	5	NE	36	NE	10,000	NE	250,000		

Notes:
µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
Compound not in the NCDEQ Risk Calculator, compound was not entered.
Compound not detected above the MDL and the MDL is greater than the respective screening level. Value is not included in risk calculations.
ND: Not Detected
J: Estimated value less than the reporting limit but greater than the method detection limit.
B: Compound was found in the blank and sample.
F1: MS and/or MSD recovery exceeds control limits.
^+: Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
NE: Standard Not Established

Groundwater Sample Analytical Results Summary
City of Durham Parks - Northgate Park (NONCD0000825)
300 W. Club Boulevard & 404 W. Lavender Avenue, Durham, North Carolina
S&ME Project No. 23050630

Analytical Method		Method 8260D- VOCs (µg/L)		Method 8270E - SVOCs (µg/L)															Method 7471B (µg/L)	Method 350.1 (µg/L)	Method 353.2 (µg/L)	Method SM Nitrate by Calc.	Method SM 4500 SO4 E
CAS Number		74-87-3	108-88-3	105-60-2	108-95-2	123-91-1	7440-38-2	7440-39-3	7440-41-7	7440-47-3	7440-48-4	7440-50-8	7439-92-1	7439-96-5	7440-02-0	7440-22-4	7440-28-0	7440-62-2	7440-66-6	7439-97-6	7664-41-7	1497-65-0	14797-55-8	14808-79-8
Analyte		Chloromethane	Toluene	Caprolactam	Phenol	1,4-Dioxane	Arsenic	Barium	Beryllium	Chromium, Total	Cobalt	Copper	Lead	Manganese	Nickel	Silver	Thallium	Vanadium	Zinc	Mercury	Ammonia Nitrogen	Nitrite as (N)	Nitrate as (N)	Sulfate
Sample ID	Date Collected																							
MW-2	8/25/2025	ND	ND	ND	ND	ND	ND	**329**	ND	**4.03 J**	**1.72 J**	**1.45 J**	ND	**440**	**1.09 J**	ND	ND	**1.61 J**	**454**	ND	ND	ND	ND	**13,300 F2**
	10/31/2025	ND	ND	ND	ND	ND	ND	**444**	ND	ND	ND	ND	ND	**459**	ND	**0.282 J B**	ND	ND	ND	ND	ND	ND	**42 J**	**7,110 F2**
	12/2/2025	ND	ND	ND	ND	ND	**1.38 J**	**455**	ND	ND	**0.477 J**	ND	ND	**510**	ND	ND	ND	ND	**17.7**	ND	ND	ND	**26 J**	**10,100**
	1/28/2026	ND	ND	ND	ND	ND	ND	**393**	**0.163 J^+**	ND	ND	ND	ND	**448**	ND	**0.636 J**	ND	**7.92**	**10.3**	ND	ND	ND	**130**	**9,030**
MW-3	8/25/2025	ND	ND	ND	**1.56 J**	**1.65**	**2.36 J**	**203**	ND	**5.75**	**4.24 J**	**2.51**	ND	**667**	**2.59 J**	ND	ND	**6.44**	**14.8**	ND	**127**	ND	ND	**16,300 F1 F2**
	10/31/2025	ND	ND	**5.93 J**	ND	**0.34**	**2.99 J**	**176**	ND	ND	**14.8**	ND	ND	**1680**	**2.80 J**	ND	ND	ND	ND	ND	**183 J**	ND	**26 J**	**87,000**
	12/2/2025	ND	ND	ND	ND	ND	**2.05 J**	**146**	ND	ND	**20.7**	ND	ND	**1970**	**2.95 J**	ND	ND	ND	**11.7**	ND	**157**	ND	**21 J**	**91,300**
	1/28/2026	ND	ND	ND	ND	ND	**4.76 J**	**120**	**0.484 J**	ND	**26.7**	**1.95 J**	**2.39**	**1760**	**5.02**	**0.177 J**	**0.221 J B**	**2.49 J**	**9.23 J**	ND	**38.8 J**	ND	**64.0 J**	**74,000**
MW-4	8/25/2025	ND	ND	ND	ND	ND	ND	**150**	ND	ND	**4.24 J**	**1.14 J**	ND	**1530**	**1.75 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/2025	ND	ND	**15.9**	ND	ND	ND	**141**	ND	ND	**4.15 J**	ND	ND	**1270**	**1.65 J**	ND	ND	ND	ND	**1.21**	ND	ND	ND	**151,000**
	12/2/2025	ND	ND	ND	ND	ND	ND	**150**	ND	ND	**4.31 J**	ND	ND	**1360**	**1.40 J**	ND	ND	ND	ND	ND	**138 J**	ND	ND	**172,000**
	1/28/2026	ND	ND	**8.01 J**	ND	ND	ND	**137**	ND	ND	**4.42 J**	**1.36 J**	ND	**1130**	**1.59 J**	ND	ND	ND	ND	ND	ND	ND	**19.0 J**	**164,000**
MW-5	8/25/2025	ND	ND	ND	ND	ND	ND	**103**	ND	ND	**3.47 J**	**1.42 J**	ND	**1060**	**3.56 J**	ND	ND	**4.31 J**	ND	ND	**24 J F1**	ND	**607**	**35,700**
	11/5/2025	ND	ND	**12.6**	ND	ND	**3.78 J**	**387**	**1.7**	**63.5**	**29.3**	**26.8**	ND	**4660**	**30.5**	ND	ND	**77.3**	ND	ND	**229 J**	ND	**80 J**	**13,500**
	12/2/2025	ND	ND	ND	ND	ND	ND	**204**	**0.206 J**	**4.49 J**	**12.7**	**1.53 J**	**1.54**	**3710**	**4.37 J**	ND	ND	**6.24**	ND	ND	**299**	ND	**18 J**	**146,000**
	1/28/2026	ND	**0.246 J**	ND	ND	ND	ND	**180**	ND		**9.09**	ND	ND	**3360**	**3.24 J**	ND	ND	**1.59 J**	ND	ND	ND	ND	**116**	**104,000**
MW-6	8/26/2026	**1.23**	ND	**2.95 J*+**	ND	ND	**1.72 J**	**240**	ND	ND	**26.4**	ND	ND	**2860**	**2.22 J**	ND	ND	ND	ND	ND	**263 F1**	ND	ND	**87,600**
	10/31/2025	ND	ND	ND	ND	ND	ND	**229**	ND	ND	**16.6**	ND	ND	**2170**	**2.60 J**	**0.205 J B**	ND	**1.76 J**	ND	ND	**977**	ND	**73 J**	**16,100**
	12/2/2025	ND	ND	ND	ND	ND	**2.14 J**	**241**	ND	ND	**16.4**	ND	ND	**2400**	**1.34 J**	ND	ND	**1.39 J**	ND	ND	**752**	ND	**22 J**	**11,600**
	1/28/2026	ND	ND	ND	ND	ND	**1.35 J**	**241**	ND	ND	**11**	**2.55**	ND	**2120**	ND	ND	**0.369 J B^2**	ND	ND	ND	**425 F1**	**31.6 J**	**77.4 J**	**18,600**
MW-7	8/26/2026	ND	ND	ND	ND	ND	**2.28 J**	**281**	ND	ND	**19.2**	ND	ND	**7040**	**2.28 J**	ND	ND	ND	ND	ND	**20 J**	ND	ND	ND
	10/31/2025	ND	ND	ND	ND	ND	**2.32 J**	**220**	ND	ND	**20.8**	ND	ND	**8590**	**2.35 J**	**0.171 J B**	ND	ND	ND	ND	**129 J**	ND	**36 J**	**148,000**
	12/2/2025	ND	ND	ND	ND	ND	**1.92 J**	**199**	ND	ND	**17.9**	ND	ND	**8820**	**3.09 J**	ND	ND	ND	ND	ND	ND	ND	**10 J**	**36,700**
	1/28/2026	ND	ND	ND	ND	ND	ND	**147**	ND	ND	**11.7**	ND	ND	**6290**	**3.06 J**	ND	ND	ND	ND	ND	ND	ND	**44.0 J**	**50,000**
MW-8	8/26/2026	ND	ND	ND	ND	ND	ND	**304**	ND	ND	ND	ND	ND	**451**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9,500**
	10/31/2025	ND	ND	ND	ND	ND	ND	**267**	ND	ND	ND	ND	ND	**439**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8,070**
	12/2/2025	ND	ND	ND	ND	ND	ND	**262**	ND	ND	ND	ND	ND	**430**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9,120**
	1/28/2026	ND	ND	ND	ND	ND	ND	**239**	ND	ND	ND	ND	ND	**529**	ND	ND	ND	ND	ND	ND	ND	ND	**19.0 J**	**6,100**
MW-9	8/26/2026	ND	ND	**7.16 J*+**	ND	ND	ND	**65.1**	ND	ND	**1.22 J**	ND	ND	**410**	**0.569 J**	ND	ND	ND	ND	ND	ND	ND	ND	**56,800**
	10/31/2025	ND	ND	**3.53 J**	ND	ND	ND	**56.3**	ND	ND	**0.969 J**	ND	ND	**374**	**4.47 J**	ND	ND	ND	ND	ND	ND	ND	ND	**39,600**
	12/2/2025	ND	ND	ND	ND	ND	ND	**102**	ND	ND	**1.96 J**	**1.94 J**	ND	**458**	**1.21 J**	ND	ND	**2.28 J**	**111**	ND	ND	ND	ND	**39,700**
	1/28/2026	ND	ND	ND	ND	ND	**1.78 J**	**66**	ND	ND	**0.721 J**	ND	ND	**337**	ND	ND	ND	ND	ND	ND	ND	**37.5 J**	ND	**74,400**
15A NCAC 2L Groundwater Standards & IMACs		3	600	4,000	30	3	10	700	4	10	1	1,000	15	50	100	20	NE	7	1,000	1	1,500	1,000	10,000	250,000

Notes:
µg/L: Micrograms per liter.
Concentrations shown in **BOLD** exceed the laboratory MDLs.
All detections that exceed the 15A NCAC 2B Standards are highlighted.
ND: Not Detected
NA: Not Analyzed.
J: Estimated value less than the reporting limit but greater than the method detection limit.
B: Compound was found in blank and sample.
F1: MS and/or MSD recovery exceeds control limits.
F2: MS/MSD RDP exceeds control limits.
*+: LCS and/or LCSD is outside acceptance limits, high biased.
^2: Cailbration Blank (ICB and/or CCB) is outside acceptance limits

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

| Analytical Method | | Method 8260 - VOCs (mg/Kg) | | | | | Method 8270E - SVOCs (mg/Kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Method 6020B - Metals (mg/Kg) | | | | | | | | | | | | | | | | | | |

Appendix V – NCDEQ Risk Calculator Package

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- 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:	3/26/2026
Prepared By:	Hailey Maness
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-1 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
9.7	J	67-64-1	Acetone			ug/m^3	LFGP-1									
2.3	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-1									
2.1	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-1									
7.5		108-88-3	Toluene			ug/m^3	LFGP-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	6.2E-10	8.1E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.7E-11	6.4E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-1 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	9.7	0.291	-	-		
75-71-8	Dichlorodifluoromethane	2.3	0.069	-	2.1E+01		6.6E-04
75-09-2	Methylene Chloride	2.1	0.063	1.0E+02	1.3E+02	6.2E-10	1.0E-04
108-88-3	Toluene	7.5	0.225	-	1.0E+03		4.3E-05
					Cumulative:	6.2E-10	8.1E-04

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-1 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	9.7	0.097	-	-		
75-71-8	Dichlorodifluoromethane	2.3	0.023	-	8.8E+01		5.3E-05
75-09-2	Methylene Chloride	2.1	0.021	1.2E+03	5.3E+02	1.7E-11	8.0E-06
108-88-3	Toluene	7.5	0.075	-	4.4E+03		3.4E-06
					Cumulative:	1.7E-11	6.4E-05

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-2 Risk Assessment
Submittal Date:	3/25/2026
Prepared By:	Hailey Maness
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-2 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
24		67-64-1	Acetone			ug/m^3	LFGP-2									
2.4	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-2									
1.3	J	110-54-3	Hexane, N-			ug/m^3	LFGP-2									
9.2		67-63-0	Isopropanol			ug/m^3	LFGP-2									
2.3	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-2									
1.7	J	100-42-5	Styrene			ug/m^3	LFGP-2									
35		108-88-3	Toluene			ug/m^3	LFGP-2									
1.8	J	75-69-4	Trichlorofluoromethane			ug/m^3	LFGP-2									
3.3	J	1330-20-7	Xylenes			ug/m^3	LFGP-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-2 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	6.8E-10	3.4E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	1.9E-11	2.7E-04	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	24	0.72	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.072	-	2.1E+01		6.9E-04
110-54-3	Hexane, N-	1.3	0.039	-	1.5E+02		5.3E-05
67-63-0	Isopropanol	9.2	0.276	-	4.2E+01		1.3E-03
75-09-2	Methylene Chloride	2.3	0.069	1.0E+02	1.3E+02	6.8E-10	1.1E-04
100-42-5	Styrene	1.7	0.051	-	2.1E+02		4.9E-05
108-88-3	Toluene	35	1.05	-	1.0E+03		2.0E-04
75-69-4	Trichlorofluoromethane	1.8	0.054	-	-		
1330-20-7	Xylenes	3.3	0.099	-	2.1E+01		9.5E-04
					Cumulative:	6.8E-10	3.4E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-2 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	24	0.24	-	-		
75-71-8	Dichlorodifluoromethane	2.4	0.024	-	8.8E+01		5.5E-05
110-54-3	Hexane, N-	1.3	0.013	-	6.1E+02		4.2E-06
67-63-0	Isopropanol	9.2	0.092	-	1.8E+02		1.1E-04
75-09-2	Methylene Chloride	2.3	0.023	1.2E+03	5.3E+02	1.9E-11	8.8E-06
100-42-5	Styrene	1.7	0.017	-	8.8E+02		3.9E-06
108-88-3	Toluene	35	0.35	-	4.4E+03		1.6E-05
75-69-4	Trichlorofluoromethane	1.8	0.018	-	-		
1330-20-7	Xylenes	3.3	0.033	-	8.8E+01		7.5E-05
					Cumulative:	1.9E-11	2.7E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-3 Risk Assessment
Submittal Date:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was collected here. The highest concentration between the two 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
70		67-64-1	Acetone			ug/m^3	825-LFGP-Dup-1									
2.6	J	67-66-3	Chloroform			ug/m^3	825-LFGP-Dup-1									
2.4	J	75-71-8	Dichlorodifluoromethane			ug/m^3	825-LFGP-Dup-1									
1.6	J	156-59-2	Dichloroethylene, cis-1,2-			ug/m^3	825-LFGP-Dup-1									
0.88	J	109-99-9	~Tetrahydrofuran			ug/m^3	LFGP-3									
3.4	J	67-63-0	Isopropanol			ug/m^3	825-LFGP-Dup-1									
5.3	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	825-LFGP-Dup-1									
2	J	75-09-2	Methylene Chloride			ug/m^3	LFGP-3									
2.9	J	127-18-4	Tetrachloroethylene			ug/m^3	825-LFGP-Dup-1									
16		108-88-3	Toluene			ug/m^3	LFGP-3									
56		79-01-6	Trichloroethylene			ug/m^3	825-LFGP-Dup-1									
1.9	J	75-69-4	Trichlorofluoromethane			ug/m^3	825-LFGP-Dup-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-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	6.4E-07	3.9E-02	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	4.9E-08	3.1E-03	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	70	2.1	-	-		
67-66-3	Chloroform	2.6	0.078	1.2E-01	4.1E-01	6.4E-07	3.8E-02
75-71-8	Dichlorodifluoromethane	2.4	0.072	-	2.1E+01		6.9E-04
109-99-9	~Tetrahydrofuran	0.88	0.0264	-	4.2E+02		1.3E-05
75-09-2	Methylene Chloride	2	0.06	1.0E+02	1.3E+02	5.9E-10	9.6E-05
108-88-3	Toluene	16	0.48	-	1.0E+03		9.2E-05
					Cumulative:	6.4E-07	3.9E-02

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-3 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	70	0.7	-	-		
67-66-3	Chloroform	2.6	0.026	5.3E-01	1.7E+00	4.9E-08	3.0E-03
75-71-8	Dichlorodifluoromethane	2.4	0.024	-	8.8E+01		5.5E-05
109-99-9	~Tetrahydrofuran	0.88	0.0088	-	1.8E+03		1.0E-06
75-09-2	Methylene Chloride	2	0.02	1.2E+03	5.3E+02	1.6E-11	7.6E-06
108-88-3	Toluene	16	0.16	-	4.4E+03		7.3E-06
					Cumulative:	4.9E-08	3.1E-03

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave, Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-4 Risk Assessment
Submittal Date:	3/26/2026
Prepared By:	Hailey Maness
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-4 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
14	J	67-64-1	Acetone			ug/m^3	LFGP-4									
2.1	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-4									
2.7	J	67-63-0	Isopropanol			ug/m^3	LFGP-4									
3.3	J	78-93-3	Methyl Ethyl Ketone (2-Butanone)			ug/m^3	LFGP-4									
6.8		108-88-3	Toluene			ug/m^3	LFGP-4									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	NC	NC	NC
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	NC	NC	NC
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	1.1E-03	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	8.3E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	14	0.42	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.063	-	2.1E+01		6.0E-04
67-63-0	Isopropanol	2.7	0.081	-	4.2E+01		3.9E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	3.3	0.099	-	1.0E+03		1.9E-05
108-88-3	Toluene	6.8	0.204	-	1.0E+03		3.9E-05
					Cumulative:	0.0E+00	1.1E-03

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-4 Risk Assessment

Carcinogenic risk and hazard quotient cells highlighted in orange are associated with non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

All concentrations are in ug/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	14	0.14	-	-		
75-71-8	Dichlorodifluoromethane	2.1	0.021	-	8.8E+01		4.8E-05
67-63-0	Isopropanol	2.7	0.027	-	1.8E+02		3.1E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	3.3	0.033	-	4.4E+03		1.5E-06
108-88-3	Toluene	6.8	0.068	-	4.4E+03		3.1E-06
					Cumulative:	0.0E+00	8.3E-05

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	LFGP-5 Risk Assessment
Submittal Date:	3/25/2026
Prepared By:	Rachel Moore
	Jennifer Petzold
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2D**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: LFGP-5 Risk Assessment

Soil Gas Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

Note: Chemicals highlighted in orange are non-volatile chemicals. Since these chemicals do not pose a vapor intrusion risk, no risk values are calculated for these chemicals.

Exposure Point Concentration (ug/m^3)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
11	J	67-64-1	Acetone			ug/m^3	LFGP-5									
2.3	J	75-71-8	Dichlorodifluoromethane			ug/m^3	LFGP-5									
11		108-88-3	Toluene			ug/m^3	LFGP-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	7.2E-04	NO
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	0.0E+00	5.8E-05	NO
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Vapor Intrusion - Non-Residential Worker Soil Gas to Indoor Air **Output Form 3E**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	11	0.11	-	-		
75-71-8	Dichlorodifluoromethane	2.3	0.023	-	8.8E+01		5.3E-05
108-88-3	Toluene	11	0.11	-	4.4E+03		5.0E-06
					Cumulative:	0.0E+00	5.8E-05

DEQ Risk Calculator - Vapor Intrusion - Resident Soil Gas to Indoor Air **Output Form 3B**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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/m^3

CAS #	Chemical Name:	Soil Gas Concentration (ug/m^3)	Calculated Indoor Air Concentration (ug/m^3)	Target Indoor Air Conc. for Carcinogens @ TCR = 1E-06	Target Indoor Air Conc. for Non-Carcinogens @ THQ = 0.2	Calculated Carcinogenic Risk	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	11	0.33	-	-		
75-71-8	Dichlorodifluoromethane	2.3	0.069	-	2.1E+01		6.6E-04
108-88-3	Toluene	11	0.33	-	1.0E+03		6.3E-05
					Cumulative:	0.0E+00	7.2E-04

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-1 Risk Assessment
Submittal Date:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-1 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
7.97	J	67-64-1	Acetone			ug/L	SW-1									
380		7664-41-7	Ammonia			ug/L	SW-1									
148		7440-39-3	Barium			ug/L	SW-1									
0.454	J	7440-48-4	Cobalt			ug/L	SW-1									
3.83	B	7440-50-8	Copper			ug/L	SW-1									
1.1		7439-92-1	~Lead and Compounds			ug/L	SW-1									
112		7439-96-5	Manganese (Non-diet)			ug/L	SW-1									
2.62	J, B	7440-02-0	Nickel Soluble Salts			ug/L	SW-1									
235		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-1									
33.6	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-1									
0.471	J	108-88-3	Toluene			ug/L	SW-1									
47.6		7440-66-6	Zinc and Compounds			ug/L	SW-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	5.8E-02	NO

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-1 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.97	7.97				3.5E-05	1.2E-06	3.6E-05
7664-41-7	Ammonia	380	380						
7440-39-3	Barium	148	148				2.9E-03	2.2E-03	5.1E-03
7440-48-4	Cobalt	0.454	0.454				6.0E-03	1.3E-04	6.1E-03
7440-50-8	Copper	3.83	3.83				3.8E-04	2.0E-05	4.0E-04
7439-92-1	~Lead and Compounds	1.1	1.1						
7439-96-5	Manganese (Non-diet)	112	112				1.8E-02	2.4E-02	4.3E-02
7440-02-0	Nickel Soluble Salts	2.62	2.62				5.2E-04	1.4E-04	6.5E-04
14797-55-8	Nitrate (measured as nitrogen)	235	235				5.8E-04	3.1E-05	6.1E-04
14797-65-0	Nitrite (measured as nitrogen)	33.6	33.6				1.3E-03	7.0E-05	1.4E-03
108-88-3	Toluene	0.471	0.471				2.3E-05	4.9E-05	7.2E-05
7440-66-6	Zinc and Compounds	47.6	47.6				6.3E-04	2.0E-05	6.5E-04
					Cumulative:	0.0E+00			5.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- 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:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-2 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
6.19	J	67-64-1	Acetone			ug/L	SW-2									
458	F1	7664-41-7	Ammonia			ug/L	SW-2									
148		7440-39-3	Barium			ug/L	SW-2									
0.621	J	7440-48-4	Cobalt			ug/L	SW-2									
3.4	B	7440-50-8	Copper			ug/L	SW-2									
1.24		7439-92-1	~Lead and Compounds			ug/L	SW-2									
128		7439-96-5	Manganese (Non-diet)			ug/L	SW-2									
2.9	J, B	7440-02-0	Nickel Soluble Salts			ug/L	SW-2									
302		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-2									
28.8	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-2									
0.485	J	108-88-3	Toluene			ug/L	SW-2									
1.25	J	7440-62-2	Vanadium and Compounds			ug/L	SW-2									
37.3		7440-66-6	Zinc and Compounds			ug/L	SW-2									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	6.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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
67-64-1	Acetone	6.19	6.19				2.7E-05	9.0E-07	2.8E-05
7664-41-7	Ammonia	458	458						
7440-39-3	Barium	148	148				2.9E-03	2.2E-03	5.1E-03
7440-48-4	Cobalt	0.621	0.621				8.2E-03	1.7E-04	8.3E-03
7440-50-8	Copper	3.4	3.4				3.4E-04	1.8E-05	3.5E-04
7439-92-1	~Lead and Compounds	1.24	1.24						
7439-96-5	Manganese (Non-diet)	128	128				2.1E-02	2.8E-02	4.9E-02
7440-02-0	Nickel Soluble Salts	2.9	2.9				5.7E-04	1.5E-04	7.2E-04
14797-55-8	Nitrate (measured as nitrogen)	302	302				7.4E-04	3.9E-05	7.8E-04
14797-65-0	Nitrite (measured as nitrogen)	28.8	28.8				1.1E-03	6.0E-05	1.2E-03
108-88-3	Toluene	0.485	0.485				2.4E-05	5.1E-05	7.4E-05
7440-62-2	Vanadium and Compounds	1.25	1.25				9.8E-04	2.0E-03	3.0E-03
7440-66-6	Zinc and Compounds	37.3	37.3				4.9E-04	1.6E-05	5.1E-04
					Cumulative:	0.0E+00			6.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- 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:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-3 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

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
8.18	J	67-64-1	Acetone			ug/L	SW-3									
545		7664-41-7	Ammonia			ug/L	SW-3									
145		7440-39-3	Barium			ug/L	SW-3									
0.459	J	7440-48-4	Cobalt			ug/L	SW-3									
3.39	B	7440-50-8	Copper			ug/L	SW-3									
1.08		7439-92-1	~Lead and Compounds			ug/L	SW-3									
97.5		7439-96-5	Manganese (Non-diet)			ug/L	SW-3									
2.69	J, B	7440-02-0	Nickel Soluble Salts			ug/L	SW-3									
299		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-3									
27.4	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-3									
0.309	J	108-88-3	Toluene			ug/L	SW-3									
42.6		7440-66-6	Zinc and Compounds			ug/L	SW-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	5.2E-02	NO

VAPOR INTRUSION CALCULATORS				
Receptor	**Pathway**	**Carcinogenic Risk**	**Hazard Index**	**Risk exceeded?**
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS			
Pathway	**Source**	**Target Receptor Concentrations Exceeded?**	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-3 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	8.18	8.18				3.6E-05	1.2E-06	3.7E-05
7664-41-7	Ammonia	545	545						
7440-39-3	Barium	145	145				2.9E-03	2.2E-03	5.0E-03
7440-48-4	Cobalt	0.459	0.459				6.0E-03	1.3E-04	6.2E-03
7440-50-8	Copper	3.39	3.39				3.3E-04	1.8E-05	3.5E-04
7439-92-1	~Lead and Compounds	1.08	1.08						
7439-96-5	Manganese (Non-diet)	97.5	97.5				1.6E-02	2.1E-02	3.7E-02
7440-02-0	Nickel Soluble Salts	2.69	2.69				5.3E-04	1.4E-04	6.7E-04
14797-55-8	Nitrate (measured as nitrogen)	299	299				7.4E-04	3.9E-05	7.8E-04
14797-65-0	Nitrite (measured as nitrogen)	27.4	27.4				1.1E-03	5.7E-05	1.1E-03
108-88-3	Toluene	0.309	0.309				1.5E-05	3.2E-05	4.7E-05
7440-66-6	Zinc and Compounds	42.6	42.6				5.6E-04	1.8E-05	5.8E-04
					Cumulative:	0.0E+00			5.2E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SW-4 Risk Assessment
Submittal Date:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-4 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was collected here. The highest concentration between the two was input into the 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
7.57	J	67-64-1	Acetone			ug/L	SW-Dup									
556		7664-41-7	Ammonia			ug/L	SW-4									
142		7440-39-3	Barium			ug/L	SW-Dup									
4.01	B	7440-50-8	Copper			ug/L	SW-4									
1.15		7439-92-1	~Lead and Compounds			ug/L	SW-4									
98.4		7439-96-5	Manganese (Non-diet)			ug/L	SW-4									
2.52	J, B	7440-02-0	Nickel Soluble Salts			ug/L	SW-4									
310		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-Dup									
29.8	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-Dup									
0.278	J	108-88-3	Toluene			ug/L	SW-Dup									
1.31	J	7440-62-2	Vanadium and Compounds			ug/L	SW-Dup									
39.8		7440-66-6	Zinc and Compounds			ug/L	SW-Dup									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	4.9E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-4 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.57	7.57				3.3E-05	1.1E-06	3.4E-05
7664-41-7	Ammonia	556	556						
7440-39-3	Barium	142	142				2.8E-03	2.1E-03	4.9E-03
7440-50-8	Copper	4.01	4.01				4.0E-04	2.1E-05	4.2E-04
7439-92-1	~Lead and Compounds	1.15	1.15						
7439-96-5	Manganese (Non-diet)	98.4	98.4				1.6E-02	2.1E-02	3.8E-02
7440-02-0	Nickel Soluble Salts	2.52	2.52				5.0E-04	1.3E-04	6.3E-04
14797-55-8	Nitrate (measured as nitrogen)	310	310				7.6E-04	4.1E-05	8.0E-04
14797-65-0	Nitrite (measured as nitrogen)	29.8	29.8				1.2E-03	6.2E-05	1.2E-03
108-88-3	Toluene	0.278	0.278				1.4E-05	2.9E-05	4.3E-05
7440-62-2	Vanadium and Compounds	1.31	1.31				1.0E-03	2.1E-03	3.1E-03
7440-66-6	Zinc and Compounds	39.8	39.8				5.2E-04	1.7E-05	5.4E-04
					Cumulative:	0.0E+00			4.9E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- 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:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-5 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
7.13	J	67-64-1	Acetone			ug/L	SW-5									
345		7664-41-7	Ammonia			ug/L	SW-5									
133		7440-39-3	Barium			ug/L	SW-5									
0.552	J	7440-48-4	Cobalt			ug/L	SW-5									
3.77	B	7440-50-8	Copper			ug/L	SW-5									
1.16		7439-92-1	~Lead and Compounds			ug/L	SW-5									
102		7439-96-5	Manganese (Non-diet)			ug/L	SW-5									
2.2	J, B	7440-02-0	Nickel Soluble Salts			ug/L	SW-5									
296		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-5									
29.5	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-5									
1.36	J	7440-62-2	Vanadium and Compounds			ug/L	SW-5									
40		7440-66-6	Zinc and Compounds			ug/L	SW-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	5.8E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-5 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.13	7.13				3.1E-05	1.0E-06	3.2E-05
7664-41-7	Ammonia	345	345						
7440-39-3	Barium	133	133				2.6E-03	2.0E-03	4.6E-03
7440-48-4	Cobalt	0.552	0.552				7.3E-03	1.5E-04	7.4E-03
7440-50-8	Copper	3.77	3.77				3.7E-04	2.0E-05	3.9E-04
7439-92-1	~Lead and Compounds	1.16	1.16						
7439-96-5	Manganese (Non-diet)	102	102				1.7E-02	2.2E-02	3.9E-02
7440-02-0	Nickel Soluble Salts	2.2	2.2				4.3E-04	1.2E-04	5.5E-04
14797-55-8	Nitrate (measured as nitrogen)	296	296				7.3E-04	3.9E-05	7.7E-04
14797-65-0	Nitrite (measured as nitrogen)	29.5	29.5				1.2E-03	6.2E-05	1.2E-03
7440-62-2	Vanadium and Compounds	1.36	1.36				1.1E-03	2.2E-03	3.2E-03
7440-66-6	Zinc and Compounds	40	40				5.3E-04	1.7E-05	5.4E-04
					Cumulative:	0.0E+00			5.8E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- 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:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-6 Risk Assessment

Surface Water Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (ug/L)	Notes:	CAS Number	Chemical	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
7.72	J	67-64-1	Acetone			ug/L	SW-6									
462		7664-41-7	Ammonia			ug/L	SW-6									
142		7440-39-3	Barium			ug/L	SW-6									
3.66	B	7440-50-8	Copper			ug/L	SW-6									
0.94	J	7439-92-1	~Lead and Compounds			ug/L	SW-6									
95		7439-96-5	Manganese (Non-diet)			ug/L	SW-6									
2.56	J, B	7440-02-0	Nickel Soluble Salts			ug/L	SW-6									
302		14797-55-8	Nitrate (measured as nitrogen)			ug/L	SW-6									
26	J	14797-65-0	Nitrite (measured as nitrogen)			ug/L	SW-6									
43		7440-66-6	Zinc and Compounds			ug/L	SW-6									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	4.5E-02	NO

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Surface Water **Output Form 2G**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SW-6 Risk Assessment

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (ug/L)	Dermal Concentration (ug/L)	Ingestion Carcinogenic Risk	Dermal Contact Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Contact Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	7.72	7.72				3.4E-05	1.1E-06	3.5E-05
7664-41-7	Ammonia	462	462						
7440-39-3	Barium	142	142				2.8E-03	2.1E-03	4.9E-03
7440-50-8	Copper	3.66	3.66				3.6E-04	1.9E-05	3.8E-04
7439-92-1	~Lead and Compounds	0.94	0.94						
7439-96-5	Manganese (Non-diet)	95	95				1.6E-02	2.1E-02	3.6E-02
7440-02-0	Nickel Soluble Salts	2.56	2.56				5.0E-04	1.3E-04	6.4E-04
14797-55-8	Nitrate (measured as nitrogen)	302	302				7.4E-04	3.9E-05	7.8E-04
14797-65-0	Nitrite (measured as nitrogen)	26	26				1.0E-03	5.4E-05	1.1E-03
7440-66-6	Zinc and Compounds	43	43				5.7E-04	1.8E-05	5.8E-04
					Cumulative:	0.0E+00			4.5E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-1 Risk Assessment
Submittal Date:	3/9/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.00701	J	67-64-1	Acetone			mg/kg	SED-1									
1.67		7664-41-7	Ammonia			mg/kg	SED-1									
0.233	J	7440-38-2	Arsenic, Inorganic			mg/kg	SED-1									
10.7	B	7440-39-3	Barium			mg/kg	SED-1									
0.0703	J	7440-41-7	Beryllium and compounds			mg/kg	SED-1									
0.0248	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-1									
6.32		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-1									
2.47		7440-48-4	Cobalt			mg/kg	SED-1									
3.13		7440-50-8	Copper			mg/kg	SED-1									
0.00206		123-91-1	Dioxane, 1,4-			mg/kg	SED-1									
4.09		7439-92-1	~Lead and Compounds			mg/kg	SED-1									
54.6	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-1									
4.97		7440-02-0	Nickel Soluble Salts			mg/kg	SED-1									
1.02	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-1									
0.143	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-1									
0.191	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-1									
0.323	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-1									
0.11	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-1									
0.228	J	218-01-9	~Chrysene			mg/kg	SED-1									
0.392	J	206-44-0	~Fluoranthene			mg/kg	SED-1									
0.176	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-1									
0.326	J	129-00-0	~Pyrene			mg/kg	SED-1									
0.154	J	7782-49-2	Selenium			mg/kg	SED-1									
0.148	J, B	7440-22-4	Silver			mg/kg	SED-1									
14		7440-62-2	Vanadium and Compounds			mg/kg	SED-1									
13.7		7440-66-6	Zinc and Compounds			mg/kg	SED-1									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.6E-06	2.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.0E-07	1.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.1E-06	8.5E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00701	0.00701	0.00701					1.0E-07			1.0E-07
7664-41-7	Ammonia	1.67	1.67	1.67							5.4E-11	5.4E-11
7440-38-2	Arsenic, Inorganic	0.233	0.233	0.233	3.0E-07	4.2E-08	6.0E-12	3.4E-07	6.0E-03	7.1E-04	2.5E-07	6.7E-03
7440-39-3	Barium	10.7	10.7	10.7					6.8E-04		3.5E-07	6.8E-04
7440-41-7	Beryllium and compounds	0.0703	0.0703	0.0703			1.0E-12	1.0E-12	4.5E-04		5.7E-08	4.5E-04
7440-43-9	Cadmium (Diet)	0.0248	0.0248	0.0248			2.7E-13	2.7E-13	3.2E-03	3.0E-04	4.0E-08	3.5E-03
16065-83-1	Chromium(III), Insoluble Salts	6.32	6.32	6.32					5.4E-05			5.4E-05
7440-48-4	Cobalt	2.47	2.47	2.47			1.3E-10	1.3E-10	1.1E-01		6.7E-06	1.1E-01
7440-50-8	Copper	3.13	3.13	3.13					1.0E-03			1.0E-03
123-91-1	Dioxane, 1,4-	0.00206	0.00206	0.00206	3.0E-10		8.7E-11	3.8E-10	8.8E-07		1.6E-06	2.4E-06
7439-92-1	~Lead and Compounds	4.09	4.09	4.09					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	54.6	54.6	54.6					2.9E-02		1.8E-05	2.9E-02
7440-02-0	Nickel Soluble Salts	4.97	4.97	4.97			7.8E-12	7.8E-12	3.2E-03		8.0E-06	3.2E-03
14797-55-8	Nitrate (measured as nitrogen)	1.02	1.02	1.02					8.2E-06			8.2E-06
56-55-3	~Benz[a]anthracene	0.143	0.143	0.143	9.3E-08	3.1E-08	1.8E-09	1.3E-07				
50-32-8	~Benzo[a]pyrene	0.191	0.191	0.191	**1.2E-06**	4.2E-07	1.9E-12	1.7E-06	8.1E-03	2.5E-03	1.5E-06	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.323	0.323	0.323	2.1E-07	7.0E-08	3.2E-13	2.8E-07				
207-08-9	~Benzo[k]fluoranthene	0.11	0.11	0.11	7.2E-09	2.4E-09	1.1E-14	9.6E-09				
218-01-9	~Chrysene	0.228	0.228	0.228	1.5E-09	5.0E-10	2.3E-15	2.0E-09				
206-44-0	~Fluoranthene	0.392	0.392	0.392					1.3E-04	3.9E-05		1.6E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.176	0.176	0.176	1.1E-07	3.8E-08	1.8E-13	1.5E-07				
129-00-0	~Pyrene	0.326	0.326	0.326					1.4E-04	4.3E-05		1.8E-04
7782-49-2	Selenium	0.154	0.154	0.154					3.9E-04		1.2E-10	3.9E-04
7440-22-4	Silver	0.148	0.148	0.148					3.8E-04			3.8E-04
7440-62-2	Vanadium and Compounds	14	14	14					3.6E-02		2.3E-06	3.6E-02
7440-66-6	Zinc and Compounds	13.7	13.7	13.7					5.8E-04			5.8E-04
						Cumulative:		2.6E-06				2.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00701	0.00701	0.00701					6.7E-09			6.7E-09
7664-41-7	Ammonia	1.67	1.67	1.67							1.3E-11	1.3E-11
7440-38-2	Arsenic, Inorganic	0.233	0.233	0.233	6.4E-08	1.4E-08	1.4E-12	7.8E-08	4.0E-04	8.4E-05	6.0E-08	4.8E-04
7440-39-3	Barium	10.7	10.7	10.7					4.6E-05		8.2E-08	4.6E-05
7440-41-7	Beryllium and compounds	0.0703	0.0703	0.0703			2.3E-13	2.3E-13	3.0E-05		1.4E-08	3.0E-05
7440-43-9	Cadmium (Diet)	0.0248	0.0248	0.0248			6.1E-14	6.1E-14	2.1E-04	3.6E-05	9.5E-09	2.5E-04
16065-83-1	Chromium(III), Insoluble Salts	6.32	6.32	6.32					3.6E-06			3.6E-06
7440-48-4	Cobalt	2.47	2.47	2.47			3.1E-11	3.1E-11	7.0E-03		1.6E-06	7.1E-03
7440-50-8	Copper	3.13	3.13	3.13					6.7E-05			6.7E-05
123-91-1	Dioxane, 1,4-	0.00206	0.00206	0.00206	6.3E-11		2.0E-11	8.3E-11	5.9E-08		3.7E-07	4.3E-07
7439-92-1	~Lead and Compounds	4.09	4.09	4.09					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	54.6	54.6	54.6					1.9E-03		4.2E-06	2.0E-03
7440-02-0	Nickel Soluble Salts	4.97	4.97	4.97			1.8E-12	1.8E-12	2.1E-04		1.9E-06	2.1E-04
14797-55-8	Nitrate (measured as nitrogen)	1.02	1.02	1.02					5.5E-07			5.5E-07
56-55-3	~Benz[a]anthracene	0.143	0.143	0.143	4.4E-09	2.4E-09	1.5E-10	6.9E-09				
50-32-8	~Benzo[a]pyrene	0.191	0.191	0.191	5.8E-08	3.2E-08	1.6E-13	9.1E-08	5.5E-04	3.0E-04	3.7E-07	8.5E-04
205-99-2	~Benzo[b]fluoranthene	0.323	0.323	0.323	9.9E-09	5.4E-09	2.7E-14	1.5E-08				
207-08-9	~Benzo[k]fluoranthene	0.11	0.11	0.11	3.4E-10	1.9E-10	9.1E-16	5.2E-10				
218-01-9	~Chrysene	0.228	0.228	0.228	7.0E-11	3.8E-11	1.9E-16	1.1E-10				
206-44-0	~Fluoranthene	0.392	0.392	0.392					8.4E-06	4.6E-06		1.3E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.176	0.176	0.176	5.4E-09	3.0E-09	1.5E-14	8.3E-09				
129-00-0	~Pyrene	0.326	0.326	0.326					9.3E-06	5.1E-06		1.4E-05
7782-49-2	Selenium	0.154	0.154	0.154					2.6E-05		3.0E-11	2.6E-05
7440-22-4	Silver	0.148	0.148	0.148					2.5E-05			2.5E-05
7440-62-2	Vanadium and Compounds	14	14	14					2.4E-03		5.4E-07	2.4E-03
7440-66-6	Zinc and Compounds	13.7	13.7	13.7					3.9E-05			3.9E-05
						Cumulative:		2.0E-07				1.3E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-1 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

Receptor Type:

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00701	0.00701	0.00701					4.3E-08			4.3E-08
7664-41-7	Ammonia	1.67	1.67	1.67							1.9E-12	1.9E-12
7440-38-2	Arsenic, Inorganic	0.233	0.233	0.233	1.3E-07	1.8E-08	2.1E-13	1.5E-07	2.6E-03	3.0E-04	9.0E-09	2.9E-03
7440-39-3	Barium	10.7	10.7	10.7					2.9E-04		1.2E-08	2.9E-04
7440-41-7	Beryllium and compounds	0.0703	0.0703	0.0703			3.6E-14	3.6E-14	1.9E-04		2.0E-09	1.9E-04
7440-43-9	Cadmium (Diet)	0.0248	0.0248	0.0248			9.6E-15	9.6E-15	1.4E-03	1.3E-04	1.4E-09	1.5E-03
16065-83-1	Chromium(III), Insoluble Salts	6.32	6.32	6.32					2.3E-05			2.3E-05
7440-48-4	Cobalt	2.47	2.47	2.47			4.8E-12	4.8E-12	4.5E-02		2.4E-07	4.5E-02
7440-50-8	Copper	3.13	3.13	3.13					4.3E-04			4.3E-04
123-91-1	Dioxane, 1,4-	0.00206	0.00206	0.00206	1.3E-10		3.1E-12	1.3E-10	3.8E-07		5.6E-08	4.3E-07
7439-92-1	~Lead and Compounds	4.09	4.09	4.09					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	54.6	54.6	54.6					1.2E-02		6.3E-07	1.2E-02
7440-02-0	Nickel Soluble Salts	4.97	4.97	4.97			2.8E-13	2.8E-13	1.4E-03		2.9E-07	1.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.02	1.02	1.02					3.5E-06			3.5E-06
56-55-3	~Benz[a]anthracene	0.143	0.143	0.143	4.0E-08	1.3E-08	6.4E-11	5.3E-08				
50-32-8	~Benzo[a]pyrene	0.191	0.191	0.191	5.3E-07	1.8E-07	6.8E-14	7.1E-07	3.5E-03	1.1E-03	5.5E-08	4.6E-03
205-99-2	~Benzo[b]fluoranthene	0.323	0.323	0.323	9.0E-08	3.0E-08	1.2E-14	1.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.11	0.11	0.11	3.1E-09	1.0E-09	3.9E-16	4.1E-09				
218-01-9	~Chrysene	0.228	0.228	0.228	6.4E-10	2.1E-10	8.1E-17	8.5E-10				
206-44-0	~Fluoranthene	0.392	0.392	0.392					5.4E-05	1.7E-05		7.0E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.176	0.176	0.176	4.9E-08	1.6E-08	6.3E-15	6.6E-08				
129-00-0	~Pyrene	0.326	0.326	0.326					6.0E-05	1.8E-05		7.8E-05
7782-49-2	Selenium	0.154	0.154	0.154					1.7E-04		4.4E-12	1.7E-04
7440-22-4	Silver	0.148	0.148	0.148					1.6E-04			1.6E-04
7440-62-2	Vanadium and Compounds	14	14	14					1.5E-02		8.1E-08	1.5E-02
7440-66-6	Zinc and Compounds	13.7	13.7	13.7					2.5E-04			2.5E-04
						Cumulative:		1.1E-06				8.5E-02

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-2 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-2 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical **For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu**	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.00992	J	67-64-1	Acetone			mg/kg	SED-2									
0.561		7440-38-2	Arsenic, Inorganic			mg/kg	SED-2									
77.5	B	7440-39-3	Barium			mg/kg	SED-2									
0.395		7440-41-7	Beryllium and compounds			mg/kg	SED-2									
0.0744	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-2									
17.4		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-2									
0.483	J	18540-29-9	Chromium(VI)			mg/kg	SED-2									
2.49		7440-48-4	Cobalt			mg/kg	SED-2									
5.31		7440-50-8	Copper			mg/kg	SED-2									
0.00188		123-91-1	Dioxane, 1,4-			mg/kg	SED-2									
5.16		7439-92-1	~Lead and Compounds			mg/kg	SED-2									
67.1	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-2									
0.019	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-2									
5.01		7440-02-0	Nickel Soluble Salts			mg/kg	SED-2									
0.972	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-2									
0.794	J	7782-49-2	Selenium			mg/kg	SED-2									
0.0169	J, B	7440-22-4	Silver			mg/kg	SED-2									
0.0427	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-2									
13.8		7440-62-2	Vanadium and Compounds			mg/kg	SED-2									
7.88		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	1.3E-06	2.8E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.1E-07	1.9E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	5.7E-07	1.2E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00992	0.00992	0.00992					1.4E-07			1.4E-07
7440-38-2	Arsenic, Inorganic	0.561	0.561	0.561	7.3E-07	1.0E-07	1.4E-11	8.3E-07	1.4E-02	1.7E-03	6.0E-07	1.6E-02
7440-39-3	Barium	77.5	77.5	77.5					5.0E-03		2.5E-06	5.0E-03
7440-41-7	Beryllium and compounds	0.395	0.395	0.395			5.7E-12	5.7E-12	2.5E-03		3.2E-07	2.5E-03
7440-43-9	Cadmium (Diet)	0.0744	0.0744	0.0744			8.0E-13	8.0E-13	9.5E-03	9.0E-04	1.2E-07	1.0E-02
16065-83-1	Chromium(III), Insoluble Salts	17.4	17.4	17.4					1.5E-04			1.5E-04
18540-29-9	Chromium(VI)	0.483	0.483	0.483	5.0E-07		8.8E-11	5.0E-07	6.9E-03		2.6E-07	6.9E-03
7440-48-4	Cobalt	2.49	2.49	2.49			1.3E-10	1.3E-10	1.1E-01		6.7E-06	1.1E-01
7440-50-8	Copper	5.31	5.31	5.31					1.7E-03			1.7E-03
123-91-1	Dioxane, 1,4-	0.00188	0.00188	0.00188	2.7E-10		7.9E-11	3.5E-10	8.0E-07		1.4E-06	2.2E-06
7439-92-1	~Lead and Compounds	5.16	5.16	5.16					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	67.1	67.1	67.1					3.6E-02		2.2E-05	3.6E-02
7439-97-6	~Mercury (elemental)	0.019	0.019	0.019							2.5E-03	2.5E-03
7440-02-0	Nickel Soluble Salts	5.01	5.01	5.01			7.8E-12	7.8E-12	3.2E-03		8.1E-06	3.2E-03
14797-55-8	Nitrate (measured as nitrogen)	0.972	0.972	0.972					7.8E-06			7.8E-06
7782-49-2	Selenium	0.794	0.794	0.794					2.0E-03		6.4E-10	2.0E-03
7440-22-4	Silver	0.0169	0.0169	0.0169					4.3E-05			4.3E-05
7440-28-0	Thallium (Soluble Salts)	0.0427	0.0427	0.0427					5.5E-02			5.5E-02
7440-62-2	Vanadium and Compounds	13.8	13.8	13.8					3.5E-02		2.2E-06	3.5E-02
7440-66-6	Zinc and Compounds	7.88	7.88	7.88					3.4E-04			3.4E-04
						Cumulative:		1.3E-06				2.8E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-2 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 800 mg/kg for commercial/industrial soil.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00992	0.00992	0.00992					9.4E-09			9.4E-09
7440-38-2	Arsenic, Inorganic	0.561	0.561	0.561	1.5E-07	3.3E-08	3.3E-12	1.9E-07	9.6E-04	2.0E-04	1.4E-07	1.2E-03
7440-39-3	Barium	77.5	77.5	77.5					3.3E-04		6.0E-07	3.3E-04
7440-41-7	Beryllium and compounds	0.395	0.395	0.395			1.3E-12	1.3E-12	1.7E-04		7.6E-08	1.7E-04
7440-43-9	Cadmium (Diet)	0.0744	0.0744	0.0744			1.8E-13	1.8E-13	6.4E-04	1.1E-04	2.9E-08	7.4E-04
16065-83-1	Chromium(III), Insoluble Salts	17.4	17.4	17.4					9.9E-06			9.9E-06
18540-29-9	Chromium(VI)	0.483	0.483	0.483	2.4E-08		7.3E-12	2.4E-08	4.6E-04		6.2E-08	4.6E-04
7440-48-4	Cobalt	2.49	2.49	2.49			3.1E-11	3.1E-11	7.1E-03		1.6E-06	7.1E-03
7440-50-8	Copper	5.31	5.31	5.31					1.1E-04			1.1E-04
123-91-1	Dioxane, 1,4-	0.00188	0.00188	0.00188	5.7E-11		1.8E-11	7.6E-11	5.4E-08		3.4E-07	3.9E-07
7439-92-1	~Lead and Compounds	5.16	5.16	5.16					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	67.1	67.1	67.1					2.4E-03		5.2E-06	2.4E-03
7439-97-6	~Mercury (elemental)	0.019	0.019	0.019							6.0E-04	6.0E-04
7440-02-0	Nickel Soluble Salts	5.01	5.01	5.01			1.8E-12	1.8E-12	2.1E-04		1.9E-06	2.2E-04
14797-55-8	Nitrate (measured as nitrogen)	0.972	0.972	0.972					5.2E-07			5.2E-07
7782-49-2	Selenium	0.794	0.794	0.794					1.4E-04		1.5E-10	1.4E-04
7440-22-4	Silver	0.0169	0.0169	0.0169					2.9E-06			2.9E-06
7440-28-0	Thallium (Soluble Salts)	0.0427	0.0427	0.0427					3.7E-03			3.7E-03
7440-62-2	Vanadium and Compounds	13.8	13.8	13.8					2.3E-03		5.3E-07	2.3E-03
7440-66-6	Zinc and Compounds	7.88	7.88	7.88					2.2E-05			2.2E-05
						Cumulative:		2.1E-07				1.9E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-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	0.00992	0.00992	0.00992					6.0E-08			6.0E-08
7440-38-2	Arsenic, Inorganic	0.561	0.561	0.561	3.1E-07	4.4E-08	5.2E-13	3.6E-07	6.1E-03	7.3E-04	2.2E-08	6.9E-03
7440-39-3	Barium	77.5	77.5	77.5					2.1E-03		8.9E-08	2.1E-03
7440-41-7	Beryllium and compounds	0.395	0.395	0.395			2.0E-13	2.0E-13	1.1E-03		1.1E-08	1.1E-03
7440-43-9	Cadmium (Diet)	0.0744	0.0744	0.0744			2.9E-14	2.9E-14	4.1E-03	3.9E-04	4.3E-09	4.5E-03
16065-83-1	Chromium(III), Insoluble Salts	17.4	17.4	17.4					6.4E-05			6.4E-05
18540-29-9	Chromium(VI)	0.483	0.483	0.483	2.2E-07		3.2E-12	2.2E-07	2.9E-03		9.3E-09	2.9E-03
7440-48-4	Cobalt	2.49	2.49	2.49			4.8E-12	4.8E-12	4.5E-02		2.4E-07	4.5E-02
7440-50-8	Copper	5.31	5.31	5.31					7.3E-04			7.3E-04
123-91-1	Dioxane, 1,4-	0.00188	0.00188	0.00188	1.2E-10		2.8E-12	1.2E-10	3.4E-07		5.1E-08	3.9E-07
7439-92-1	~Lead and Compounds	5.16	5.16	5.16					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	67.1	67.1	67.1					1.5E-02		7.7E-07	1.5E-02
7439-97-6	~Mercury (elemental)	0.019	0.019	0.019							9.0E-05	9.0E-05
7440-02-0	Nickel Soluble Salts	5.01	5.01	5.01			2.8E-13	2.8E-13	1.4E-03		2.9E-07	1.4E-03
14797-55-8	Nitrate (measured as nitrogen)	0.972	0.972	0.972					3.3E-06			3.3E-06
7782-49-2	Selenium	0.794	0.794	0.794					8.7E-04		2.3E-11	8.7E-04
7440-22-4	Silver	0.0169	0.0169	0.0169					1.9E-05			1.9E-05
7440-28-0	Thallium (Soluble Salts)	0.0427	0.0427	0.0427					2.3E-02			2.3E-02
7440-62-2	Vanadium and Compounds	13.8	13.8	13.8					1.5E-02		8.0E-08	1.5E-02
7440-66-6	Zinc and Compounds	7.88	7.88	7.88					1.4E-04			1.4E-04
						Cumulative:		5.7E-07				1.2E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-3 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-3 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

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
0.0111		67-64-1	Acetone			mg/kg	SED-3									
0.861	J	7664-41-7	Ammonia			mg/kg	SED-3									
1.23		7440-38-2	Arsenic, Inorganic			mg/kg	SED-3									
41.6	B	7440-39-3	Barium			mg/kg	SED-3									
0.228	J, F1	7440-41-7	Beryllium and compounds			mg/kg	SED-3									
0.0643	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-3									
15.2	F1	16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-3									
0.232	J	18540-29-9	Chromium(VI)			mg/kg	SED-3									
6.62		7440-48-4	Cobalt			mg/kg	SED-3									
8.87		7440-50-8	Copper			mg/kg	SED-3									
0.00245		123-91-1	Dioxane, 1,4-			mg/kg	SED-3									
11.1		7439-92-1	~Lead and Compounds			mg/kg	SED-3									
105	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-3									
8.62		7440-02-0	Nickel Soluble Salts			mg/kg	SED-3									
1.1	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-3									
0.0156	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-3									
0.62	J, F1	7782-49-2	Selenium			mg/kg	SED-3									
0.177	B	7440-22-4	Silver			mg/kg	SED-3									
0.0581	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-3									
21.1		7440-62-2	Vanadium and Compounds			mg/kg	SED-3									
18.8		7440-66-6	Zinc and Compounds			mg/kg	SED-3									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-3 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.1E-06	5.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	4.2E-07	3.6E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	8.9E-07	2.3E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-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	0.0111	0.0111	0.0111					1.6E-07			1.6E-07
7664-41-7	Ammonia	0.861	0.861	0.861							2.8E-11	2.8E-11
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	**1.6E-06**	2.2E-07	3.2E-11	1.8E-06	3.1E-02	3.7E-03	1.3E-06	3.5E-02
7440-39-3	Barium	41.6	41.6	41.6					2.7E-03		1.3E-06	2.7E-03
7440-41-7	Beryllium and compounds	0.228	0.228	0.228			3.3E-12	3.3E-12	1.5E-03		1.8E-07	1.5E-03
7440-43-9	Cadmium (Diet)	0.0643	0.0643	0.0643			6.9E-13	6.9E-13	8.2E-03	7.8E-04	1.0E-07	9.0E-03
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					1.3E-04			1.3E-04
18540-29-9	Chromium(VI)	0.232	0.232	0.232	2.4E-07		4.2E-11	2.4E-07	3.3E-03		1.2E-07	3.3E-03
7440-48-4	Cobalt	6.62	6.62	6.62			3.6E-10	3.6E-10	**2.8E-01**		1.8E-05	**2.8E-01**
7440-50-8	Copper	8.87	8.87	8.87					2.8E-03			2.8E-03
123-91-1	Dioxane, 1,4-	0.00245	0.00245	0.00245	3.5E-10		1.0E-10	4.6E-10	1.0E-06		1.9E-06	2.9E-06
7439-92-1	~Lead and Compounds	11.1	11.1	11.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	105	105	105					5.6E-02		3.4E-05	5.6E-02
7440-02-0	Nickel Soluble Salts	8.62	8.62	8.62			1.3E-11	1.3E-11	5.5E-03		1.4E-05	5.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.1	1.1	1.1					8.8E-06			8.8E-06
205-99-2	~Benzo[b]fluoranthene	0.0156	0.0156	0.0156	1.0E-08	3.4E-09	1.6E-14	1.4E-08				
7782-49-2	Selenium	0.62	0.62	0.62					1.6E-03		5.0E-10	1.6E-03
7440-22-4	Silver	0.177	0.177	0.177					4.5E-04			4.5E-04
7440-28-0	Thallium (Soluble Salts)	0.0581	0.0581	0.0581					7.4E-02			7.4E-02
7440-62-2	Vanadium and Compounds	21.1	21.1	21.1					5.4E-02		3.4E-06	5.4E-02
7440-66-6	Zinc and Compounds	18.8	18.8	18.8					8.0E-04			8.0E-04
						Cumulative:		2.1E-06				5.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0111	0.0111	0.0111					1.1E-08			1.1E-08
7664-41-7	Ammonia	0.861	0.861	0.861							6.6E-12	6.6E-12
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	3.4E-07	7.2E-08	7.3E-12	4.1E-07	2.1E-03	4.5E-04	3.2E-07	2.6E-03
7440-39-3	Barium	41.6	41.6	41.6					1.8E-04		3.2E-07	1.8E-04
7440-41-7	Beryllium and compounds	0.228	0.228	0.228			7.5E-13	7.5E-13	9.8E-05		4.4E-08	9.8E-05
7440-43-9	Cadmium (Diet)	0.0643	0.0643	0.0643			1.6E-13	1.6E-13	5.5E-04	9.3E-05	2.5E-08	6.4E-04
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					8.7E-06			8.7E-06
18540-29-9	Chromium(VI)	0.232	0.232	0.232	1.1E-08		3.5E-12	1.1E-08	2.2E-04		3.0E-08	2.2E-04
7440-48-4	Cobalt	6.62	6.62	6.62			8.2E-11	8.2E-11	1.9E-02		4.2E-06	1.9E-02
7440-50-8	Copper	8.87	8.87	8.87					1.9E-04			1.9E-04
123-91-1	Dioxane, 1,4-	0.00245	0.00245	0.00245	7.5E-11		2.4E-11	9.9E-11	7.0E-08		4.4E-07	5.1E-07
7439-92-1	~Lead and Compounds	11.1	11.1	11.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	105	105	105					3.7E-03		8.1E-06	3.8E-03
7440-02-0	Nickel Soluble Salts	8.62	8.62	8.62			3.1E-12	3.1E-12	3.7E-04		3.3E-06	3.7E-04
14797-55-8	Nitrate (measured as nitrogen)	1.1	1.1	1.1					5.9E-07			5.9E-07
205-99-2	~Benzo[b]fluoranthene	0.0156	0.0156	0.0156	4.8E-10	2.6E-10	1.3E-15	7.4E-10				
7782-49-2	Selenium	0.62	0.62	0.62					1.1E-04		1.2E-10	1.1E-04
7440-22-4	Silver	0.177	0.177	0.177					3.0E-05			3.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0581	0.0581	0.0581					5.0E-03			5.0E-03
7440-62-2	Vanadium and Compounds	21.1	21.1	21.1					3.6E-03		8.1E-07	3.6E-03
7440-66-6	Zinc and Compounds	18.8	18.8	18.8					5.4E-05			5.4E-05
						Cumulative:		4.2E-07				3.6E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.0111	0.0111	0.0111					6.8E-08			6.8E-08
7664-41-7	Ammonia	0.861	0.861	0.861							9.9E-13	9.9E-13
7440-38-2	Arsenic, Inorganic	1.23	1.23	1.23	6.8E-07	9.6E-08	1.1E-12	7.8E-07	1.3E-02	1.6E-03	4.7E-08	1.5E-02
7440-39-3	Barium	41.6	41.6	41.6					1.1E-03		4.8E-08	1.1E-03
7440-41-7	Beryllium and compounds	0.228	0.228	0.228			1.2E-13	1.2E-13	6.2E-04		6.6E-09	6.2E-04
7440-43-9	Cadmium (Diet)	0.0643	0.0643	0.0643			2.5E-14	2.5E-14	3.5E-03	3.3E-04	3.7E-09	3.9E-03
16065-83-1	Chromium(III), Insoluble Salts	15.2	15.2	15.2					5.6E-05			5.6E-05
18540-29-9	Chromium(VI)	0.232	0.232	0.232	1.0E-07		1.5E-12	1.0E-07	1.4E-03		4.5E-09	1.4E-03
7440-48-4	Cobalt	6.62	6.62	6.62			1.3E-11	1.3E-11	1.2E-01		6.4E-07	1.2E-01
7440-50-8	Copper	8.87	8.87	8.87					1.2E-03			1.2E-03
123-91-1	Dioxane, 1,4-	0.00245	0.00245	0.00245	1.5E-10		3.7E-12	1.5E-10	4.5E-07		6.6E-08	5.1E-07
7439-92-1	~Lead and Compounds	11.1	11.1	11.1					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	105	105	105					2.4E-02		1.2E-06	2.4E-02
7440-02-0	Nickel Soluble Salts	8.62	8.62	8.62			4.8E-13	4.8E-13	2.4E-03		5.0E-07	2.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.1	1.1	1.1					3.8E-06			3.8E-06
205-99-2	~Benzo[b]fluoranthene	0.0156	0.0156	0.0156	4.4E-09	1.5E-09	5.6E-16	5.8E-09				
7782-49-2	Selenium	0.62	0.62	0.62					6.8E-04		1.8E-11	6.8E-04
7440-22-4	Silver	0.177	0.177	0.177					1.9E-04			1.9E-04
7440-28-0	Thallium (Soluble Salts)	0.0581	0.0581	0.0581					3.2E-02			3.2E-02
7440-62-2	Vanadium and Compounds	21.1	21.1	21.1					2.3E-02		1.2E-07	2.3E-02
7440-66-6	Zinc and Compounds	18.8	18.8	18.8					3.4E-04			3.4E-04
						Cumulative:		8.9E-07				2.3E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-4 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-4 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

A duplicate sample was taken here. The highest concentration between the two was input into the calculator.

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.00541	J	67-64-1	Acetone			mg/kg	SED-Dup									
1.46		7664-41-7	Ammonia			mg/kg	SED-Dup									
0.635		7440-38-2	Arsenic, Inorganic			mg/kg	SED-Dup									
53.4	B	7440-39-3	Barium			mg/kg	SED-Dup									
0.333		7440-41-7	Beryllium and compounds			mg/kg	SED-Dup									
0.0804	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-Dup									
13.4		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-Dup									
0.524	J	18540-29-9	Chromium(VI)			mg/kg	SED-Dup									
4.86		7440-48-4	Cobalt			mg/kg	SED-Dup									
9.28		7440-50-8	Copper			mg/kg	SED-Dup									
0.00206		123-91-1	Dioxane, 1,4-			mg/kg	SED-Dup									
8.88		7439-92-1	~Lead and Compounds			mg/kg	SED-Dup									
55	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-Dup									
7.76		7440-02-0	Nickel Soluble Salts			mg/kg	SED-Dup									
1	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-4									
0.157	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-Dup									
0.196	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-Dup									
0.33	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-Dup									
0.0974	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-Dup									
0.233	J	218-01-9	~Chrysene			mg/kg	SED-Dup									
0.0365	J	53-70-3	~Dibenz[a,h]anthracene			mg/kg	SED-Dup									
0.424		206-44-0	~Fluoranthene			mg/kg	SED-Dup									
0.169	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-Dup									
0.34	J	129-00-0	~Pyrene			mg/kg	SED-Dup									
0.749	J	7782-49-2	Selenium			mg/kg	SED-Dup									
0.238	B	7440-22-4	Silver			mg/kg	SED-Dup									
0.0522	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-Dup									
19.8		7440-62-2	Vanadium and Compounds			mg/kg	SED-Dup									
18.6		7440-66-6	Zinc and Compounds			mg/kg	SED-Dup									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-4 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	2.9E-06	3.4E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.2E-07	2.3E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	1.3E-06	1.5E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-4 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00541	0.00541	0.00541					7.7E-08			7.7E-08
7664-41-7	Ammonia	1.46	1.46	1.46							4.7E-11	4.7E-11
7440-38-2	Arsenic, Inorganic	0.635	0.635	0.635	8.2E-07	1.2E-07	1.6E-11	9.4E-07	1.6E-02	1.9E-03	6.8E-07	1.8E-02
7440-39-3	Barium	53.4	53.4	53.4					3.4E-03		1.7E-06	3.4E-03
7440-41-7	Beryllium and compounds	0.333	0.333	0.333			4.8E-12	4.8E-12	2.1E-03		2.7E-07	2.1E-03
7440-43-9	Cadmium (Diet)	0.0804	0.0804	0.0804			8.7E-13	8.7E-13	1.0E-02	9.8E-04	1.3E-07	1.1E-02
16065-83-1	Chromium(III), Insoluble Salts	13.4	13.4	13.4					1.1E-04			1.1E-04
18540-29-9	Chromium(VI)	0.524	0.524	0.524	5.5E-07		9.6E-11	5.5E-07	7.4E-03		2.8E-07	7.4E-03
7440-48-4	Cobalt	4.86	4.86	4.86			2.6E-10	2.6E-10	**2.1E-01**		1.3E-05	**2.1E-01**
7440-50-8	Copper	9.28	9.28	9.28					3.0E-03			3.0E-03
123-91-1	Dioxane, 1,4-	0.00206	0.00206	0.00206	3.0E-10		8.7E-11	3.8E-10	8.8E-07		1.6E-06	2.4E-06
7439-92-1	~Lead and Compounds	8.88	8.88	8.88					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	55	55	55					2.9E-02		1.8E-05	2.9E-02
7440-02-0	Nickel Soluble Salts	7.76	7.76	7.76			1.2E-11	1.2E-11	5.0E-03		1.3E-05	5.0E-03
14797-55-8	Nitrate (measured as nitrogen)	1	1	1					8.0E-06			8.0E-06
56-55-3	~Benz[a]anthracene	0.157	0.157	0.157	1.0E-07	3.4E-08	2.0E-09	1.4E-07				
50-32-8	~Benzo[a]pyrene	0.196	0.196	0.196	**1.3E-06**	4.3E-07	2.0E-12	1.7E-06	8.4E-03	2.6E-03	1.6E-06	1.1E-02
205-99-2	~Benzo[b]fluoranthene	0.33	0.33	0.33	2.2E-07	7.2E-08	3.3E-13	2.9E-07				
207-08-9	~Benzo[k]fluoranthene	0.0974	0.0974	0.0974	6.4E-09	2.1E-09	9.7E-15	8.5E-09				
218-01-9	~Chrysene	0.233	0.233	0.233	1.5E-09	5.1E-10	2.3E-15	2.0E-09				
53-70-3	~Dibenz[a,h]anthracene	0.0365	0.0365	0.0365	2.4E-07	8.0E-08	3.6E-13	3.2E-07				
206-44-0	~Fluoranthene	0.424	0.424	0.424					1.4E-04	4.2E-05		1.8E-04
193-39-5	~Indeno[1,2,3-cd]pyrene	0.169	0.169	0.169	1.1E-07	3.7E-08	1.7E-13	1.5E-07				
129-00-0	~Pyrene	0.34	0.34	0.34					1.4E-04	4.5E-05		1.9E-04
7782-49-2	Selenium	0.749	0.749	0.749					1.9E-03		6.1E-10	1.9E-03
7440-22-4	Silver	0.238	0.238	0.238					6.1E-04			6.1E-04
7440-28-0	Thallium (Soluble Salts)	0.0522	0.0522	0.0522					6.7E-02			6.7E-02
7440-62-2	Vanadium and Compounds	19.8	19.8	19.8					5.0E-02		3.2E-06	5.0E-02
7440-66-6	Zinc and Compounds	18.6	18.6	18.6					7.9E-04			7.9E-04
						Cumulative:		4.1E-06				4.2E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-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	0.00541	0.00541	0.00541					5.1E-09			5.1E-09
7664-41-7	Ammonia	1.46	1.46	1.46							1.1E-11	1.1E-11
7440-38-2	Arsenic, Inorganic	0.635	0.635	0.635	1.7E-07	3.7E-08	3.8E-12	2.1E-07	1.1E-03	2.3E-04	1.6E-07	1.3E-03
7440-39-3	Barium	53.4	53.4	53.4					2.3E-04		4.1E-07	2.3E-04
7440-41-7	Beryllium and compounds	0.333	0.333	0.333			1.1E-12	1.1E-12	1.4E-04		6.4E-08	1.4E-04
7440-43-9	Cadmium (Diet)	0.0804	0.0804	0.0804			2.0E-13	2.0E-13	6.9E-04	1.2E-04	3.1E-08	8.0E-04
16065-83-1	Chromium(III), Insoluble Salts	13.4	13.4	13.4					7.6E-06			7.6E-06
18540-29-9	Chromium(VI)	0.524	0.524	0.524	2.6E-08		7.9E-12	2.6E-08	5.0E-04		6.7E-08	5.0E-04
7440-48-4	Cobalt	4.86	4.86	4.86			6.0E-11	6.0E-11	1.4E-02		3.1E-06	1.4E-02
7440-50-8	Copper	9.28	9.28	9.28					2.0E-04			2.0E-04
123-91-1	Dioxane, 1,4-	0.00206	0.00206	0.00206	6.3E-11		2.0E-11	8.3E-11	5.9E-08		3.7E-07	4.3E-07
7439-92-1	~Lead and Compounds	8.88	8.88	8.88					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	55	55	55					2.0E-03		4.2E-06	2.0E-03
7440-02-0	Nickel Soluble Salts	7.76	7.76	7.76			2.8E-12	2.8E-12	3.3E-04		3.0E-06	3.4E-04
14797-55-8	Nitrate (measured as nitrogen)	1	1	1					5.4E-07			5.4E-07
56-55-3	~Benz[a]anthracene	0.157	0.157	0.157	4.8E-09	2.6E-09	1.6E-10	7.6E-09				
50-32-8	~Benzo[a]pyrene	0.196	0.196	0.196	6.0E-08	3.3E-08	1.6E-13	9.3E-08	5.6E-04	3.1E-04	3.8E-07	8.7E-04
205-99-2	~Benzo[b]fluoranthene	0.33	0.33	0.33	1.0E-08	5.6E-09	2.7E-14	1.6E-08				
207-08-9	~Benzo[k]fluoranthene	0.0974	0.0974	0.0974	3.0E-10	1.6E-10	8.0E-16	4.6E-10				
218-01-9	~Chrysene	0.233	0.233	0.233	7.1E-11	3.9E-11	1.9E-16	1.1E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0365	0.0365	0.0365	1.1E-08	6.1E-09	3.0E-14	1.7E-08				
206-44-0	~Fluoranthene	0.424	0.424	0.424					9.1E-06	5.0E-06		1.4E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.169	0.169	0.169	5.2E-09	2.8E-09	1.4E-14	8.0E-09				
129-00-0	~Pyrene	0.34	0.34	0.34					9.7E-06	5.3E-06		1.5E-05
7782-49-2	Selenium	0.749	0.749	0.749					1.3E-04		1.4E-10	1.3E-04
7440-22-4	Silver	0.238	0.238	0.238					4.1E-05			4.1E-05
7440-28-0	Thallium (Soluble Salts)	0.0522	0.0522	0.0522					4.5E-03			4.5E-03
7440-62-2	Vanadium and Compounds	19.8	19.8	19.8					3.4E-03		7.6E-07	3.4E-03
7440-66-6	Zinc and Compounds	18.6	18.6	18.6					5.3E-05			5.3E-05
						Cumulative:		3.8E-07				2.8E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.00541	0.00541	0.00541					3.3E-08			3.3E-08
7664-41-7	Ammonia	1.46	1.46	1.46							1.7E-12	1.7E-12
7440-38-2	Arsenic, Inorganic	0.635	0.635	0.635	3.5E-07	5.0E-08	5.9E-13	4.0E-07	7.0E-03	8.3E-04	2.4E-08	7.8E-03
7440-39-3	Barium	53.4	53.4	53.4					1.5E-03		6.2E-08	1.5E-03
7440-41-7	Beryllium and compounds	0.333	0.333	0.333			1.7E-13	1.7E-13	9.1E-04		9.6E-09	9.1E-04
7440-43-9	Cadmium (Diet)	0.0804	0.0804	0.0804			3.1E-14	3.1E-14	4.4E-03	4.2E-04	4.6E-09	4.8E-03
16065-83-1	Chromium(III), Insoluble Salts	13.4	13.4	13.4					4.9E-05			4.9E-05
18540-29-9	Chromium(VI)	0.524	0.524	0.524	2.3E-07		3.4E-12	2.3E-07	3.2E-03		1.0E-08	3.2E-03
7440-48-4	Cobalt	4.86	4.86	4.86			9.4E-12	9.4E-12	8.9E-02		4.7E-07	8.9E-02
7440-50-8	Copper	9.28	9.28	9.28					1.3E-03			1.3E-03
123-91-1	Dioxane, 1,4-	0.00206	0.00206	0.00206	1.3E-10		3.1E-12	1.3E-10	3.8E-07		5.6E-08	4.3E-07
7439-92-1	~Lead and Compounds	8.88	8.88	8.88					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	55	55	55					1.3E-02		6.3E-07	1.3E-02
7440-02-0	Nickel Soluble Salts	7.76	7.76	7.76			4.3E-13	4.3E-13	2.1E-03		4.5E-07	2.1E-03
14797-55-8	Nitrate (measured as nitrogen)	1	1	1					3.4E-06			3.4E-06
56-55-3	~Benz[a]anthracene	0.157	0.157	0.157	4.4E-08	1.5E-08	7.1E-11	5.9E-08				
50-32-8	~Benzo[a]pyrene	0.196	0.196	0.196	5.5E-07	1.8E-07	7.0E-14	7.3E-07	3.6E-03	1.1E-03	5.7E-08	4.7E-03
205-99-2	~Benzo[b]fluoranthene	0.33	0.33	0.33	9.2E-08	3.1E-08	1.2E-14	1.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.0974	0.0974	0.0974	2.7E-09	9.1E-10	3.5E-16	3.6E-09				
218-01-9	~Chrysene	0.233	0.233	0.233	6.5E-10	2.2E-10	8.3E-17	8.7E-10				
53-70-3	~Dibenz[a,h]anthracene	0.0365	0.0365	0.0365	1.0E-07	3.4E-08	1.3E-14	1.4E-07				
206-44-0	~Fluoranthene	0.424	0.424	0.424					5.8E-05	1.8E-05		7.6E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.169	0.169	0.169	4.7E-08	1.6E-08	6.0E-15	6.3E-08				
129-00-0	~Pyrene	0.34	0.34	0.34					6.2E-05	1.9E-05		8.1E-05
7782-49-2	Selenium	0.749	0.749	0.749					8.2E-04		2.2E-11	8.2E-04
7440-22-4	Silver	0.238	0.238	0.238					2.6E-04			2.6E-04
7440-28-0	Thallium (Soluble Salts)	0.0522	0.0522	0.0522					2.9E-02			2.9E-02
7440-62-2	Vanadium and Compounds	19.8	19.8	19.8					2.2E-02		1.1E-07	2.2E-02
7440-66-6	Zinc and Compounds	18.6	18.6	18.6					3.4E-04			3.4E-04
						Cumulative:		1.8E-06				1.8E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-5 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-5 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.00885	J	67-64-1	Acetone			mg/kg	SED-5									
0.571		7440-38-2	Arsenic, Inorganic			mg/kg	SED-5									
48.1	B	7440-39-3	Barium			mg/kg	SED-5									
0.318	J	7440-41-7	Beryllium and compounds			mg/kg	SED-5									
0.0709	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-5									
17.3		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-5									
6.71		7440-48-4	Cobalt			mg/kg	SED-5									
7.95		7440-50-8	Copper			mg/kg	SED-5									
0.00205		123-91-1	Dioxane, 1,4-			mg/kg	SED-5									
10.4		7439-92-1	~Lead and Compounds			mg/kg	SED-5									
86	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-5									
0.0227	J	7439-97-6	~Mercury (elemental)			mg/kg	SED-5									
7.08		7440-02-0	Nickel Soluble Salts			mg/kg	SED-5									
1.16	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-5									
0.0747	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-5									
0.0635	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-5									
0.106	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-5									
0.0865	J	218-01-9	~Chrysene			mg/kg	SED-5									
0.171	J	206-44-0	~Fluoranthene			mg/kg	SED-5									
0.152	J	129-00-0	~Pyrene			mg/kg	SED-5									
0.639	J	7782-49-2	Selenium			mg/kg	SED-5									
0.118	J, B	7440-22-4	Silver			mg/kg	SED-5									
0.0596	J	7440-28-0	Thallium (Soluble Salts)			mg/kg	SED-5									
18.7		7440-62-2	Vanadium and Compounds			mg/kg	SED-5									
13.5		7440-66-6	Zinc and Compounds			mg/kg	SED-5									

Risk for Individual Pathways **Output Form 1A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-5 Risk Assessment

DIRECT CONTACT SOIL AND WATER CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Soil	1.6E-06	5.0E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	2.3E-07	3.4E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	6.7E-07	2.1E-01	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-5 Risk Assessment

** - Note that inhalation on this calculator refers to outdoor inhalation of volatiles and particulates, not indoor inhalation associated with vapor intrusion.*

*** - Note that the EPA has no consensus on reference dose or cancer slope factor values for lead, therefore it is not possible to calculate cancer risk or hazard quotient. Lead concentrations are compared to the EPA screening level of 200 mg/kg for residential soil. If it has been demonstrated that additional sources of lead are present (e.g., lead water service lines or lead-based paint), the EPA screening level is 100 mg/kg.*

CAS #	Chemical Name:	Ingestion Concentration (mg/kg)	Dermal Concentration (mg/kg)	Inhalation Concentration (mg/kg)*	Ingestion Carcinogenic Risk	Dermal Carcinogenic Risk	Inhalation Carcinogenic Risk*	Calculated Carcinogenic Risk	Ingestion Hazard Quotient	Dermal Hazard Quotient	Inhalation Hazard Quotient*	Calculated Non-Carcinogenic Hazard Quotient
67-64-1	Acetone	0.00885	0.00885	0.00885					1.3E-07			1.3E-07
7440-38-2	Arsenic, Inorganic	0.571	0.571	0.571	7.4E-07	1.0E-07	1.5E-11	8.4E-07	1.5E-02	1.7E-03	6.2E-07	1.6E-02
7440-39-3	Barium	48.1	48.1	48.1					3.1E-03		1.6E-06	3.1E-03
7440-41-7	Beryllium and compounds	0.318	0.318	0.318			4.6E-12	4.6E-12	2.0E-03		2.6E-07	2.0E-03
7440-43-9	Cadmium (Diet)	0.0709	0.0709	0.0709			7.7E-13	7.7E-13	9.1E-03	8.6E-04	1.1E-07	9.9E-03
16065-83-1	Chromium(III), Insoluble Salts	17.3	17.3	17.3					1.5E-04			1.5E-04
7440-48-4	Cobalt	6.71	6.71	6.71			3.6E-10	3.6E-10	**2.9E-01**		1.8E-05	**2.9E-01**
7440-50-8	Copper	7.95	7.95	7.95					2.5E-03			2.5E-03
123-91-1	Dioxane, 1,4-	0.00205	0.00205	0.00205	2.9E-10		8.7E-11	3.8E-10	8.7E-07		1.6E-06	2.4E-06
7439-92-1	~Lead and Compounds	10.4	10.4	10.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	86	86	86					4.6E-02		2.8E-05	4.6E-02
7439-97-6	~Mercury (elemental)	0.0227	0.0227	0.0227							3.0E-03	3.0E-03
7440-02-0	Nickel Soluble Salts	7.08	7.08	7.08			1.1E-11	1.1E-11	4.5E-03		1.1E-05	4.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.16	1.16	1.16					9.3E-06			9.3E-06
56-55-3	~Benz[a]anthracene	0.0747	0.0747	0.0747	4.9E-08	1.6E-08	9.4E-10	6.6E-08				
50-32-8	~Benzo[a]pyrene	0.0635	0.0635	0.0635	4.1E-07	1.4E-07	6.3E-13	5.5E-07	2.7E-03	8.3E-04	5.1E-07	3.5E-03
205-99-2	~Benzo[b]fluoranthene	0.106	0.106	0.106	6.9E-08	2.3E-08	1.1E-13	9.2E-08				
218-01-9	~Chrysene	0.0865	0.0865	0.0865	5.6E-10	1.9E-10	8.6E-16	7.5E-10				
206-44-0	~Fluoranthene	0.171	0.171	0.171					5.5E-05	1.7E-05		7.2E-05
129-00-0	~Pyrene	0.152	0.152	0.152					6.5E-05	2.0E-05		8.5E-05
7782-49-2	Selenium	0.639	0.639	0.639					1.6E-03		5.2E-10	1.6E-03
7440-22-4	Silver	0.118	0.118	0.118					3.0E-04			3.0E-04
7440-28-0	Thallium (Soluble Salts)	0.0596	0.0596	0.0596					7.6E-02			7.6E-02
7440-62-2	Vanadium and Compounds	18.7	18.7	18.7					4.7E-02		3.0E-06	4.7E-02
7440-66-6	Zinc and Compounds	13.5	13.5	13.5					5.8E-04			5.8E-04
						Cumulative:		1.6E-06				5.0E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.00885	0.00885	0.00885					8.4E-09			8.4E-09
7440-38-2	Arsenic, Inorganic	0.571	0.571	0.571	1.6E-07	3.3E-08	3.4E-12	1.9E-07	9.8E-04	2.1E-04	1.5E-07	1.2E-03
7440-39-3	Barium	48.1	48.1	48.1					2.1E-04		3.7E-07	2.1E-04
7440-41-7	Beryllium and compounds	0.318	0.318	0.318			1.0E-12	1.0E-12	1.4E-04		6.1E-08	1.4E-04
7440-43-9	Cadmium (Diet)	0.0709	0.0709	0.0709			1.8E-13	1.8E-13	6.1E-04	1.0E-04	2.7E-08	7.1E-04
16065-83-1	Chromium(III), Insoluble Salts	17.3	17.3	17.3					9.9E-06			9.9E-06
7440-48-4	Cobalt	6.71	6.71	6.71			8.3E-11	8.3E-11	1.9E-02		4.3E-06	1.9E-02
7440-50-8	Copper	7.95	7.95	7.95					1.7E-04			1.7E-04
123-91-1	Dioxane, 1,4-	0.00205	0.00205	0.00205	6.3E-11		2.0E-11	8.3E-11	5.9E-08		3.7E-07	4.3E-07
7439-92-1	~Lead and Compounds	10.4	10.4	10.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	86	86	86					3.1E-03		6.6E-06	3.1E-03
7439-97-6	~Mercury (elemental)	0.0227	0.0227	0.0227							7.1E-04	7.1E-04
7440-02-0	Nickel Soluble Salts	7.08	7.08	7.08			2.5E-12	2.5E-12	3.0E-04		2.7E-06	3.1E-04
14797-55-8	Nitrate (measured as nitrogen)	1.16	1.16	1.16					6.2E-07			6.2E-07
56-55-3	~Benz[a]anthracene	0.0747	0.0747	0.0747	2.3E-09	1.3E-09	7.8E-11	3.6E-09				
50-32-8	~Benzo[a]pyrene	0.0635	0.0635	0.0635	1.9E-08	1.1E-08	5.2E-14	3.0E-08	1.8E-04	1.0E-04	1.2E-07	2.8E-04
205-99-2	~Benzo[b]fluoranthene	0.106	0.106	0.106	3.2E-09	1.8E-09	8.7E-15	5.0E-09				
218-01-9	~Chrysene	0.0865	0.0865	0.0865	2.6E-11	1.5E-11	7.1E-17	4.1E-11				
206-44-0	~Fluoranthene	0.171	0.171	0.171					3.7E-06	2.0E-06		5.7E-06
129-00-0	~Pyrene	0.152	0.152	0.152					4.3E-06	2.4E-06		6.7E-06
7782-49-2	Selenium	0.639	0.639	0.639					1.1E-04		1.2E-10	1.1E-04
7440-22-4	Silver	0.118	0.118	0.118					2.0E-05			2.0E-05
7440-28-0	Thallium (Soluble Salts)	0.0596	0.0596	0.0596					5.1E-03			5.1E-03
7440-62-2	Vanadium and Compounds	18.7	18.7	18.7					3.2E-03		7.2E-07	3.2E-03
7440-66-6	Zinc and Compounds	13.5	13.5	13.5					3.9E-05			3.9E-05
						Cumulative:		2.3E-07				3.4E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.00885	0.00885	0.00885					5.4E-08			5.4E-08
7440-38-2	Arsenic, Inorganic	0.571	0.571	0.571	3.2E-07	4.5E-08	5.3E-13	3.6E-07	6.3E-03	7.4E-04	2.2E-08	7.0E-03
7440-39-3	Barium	48.1	48.1	48.1					1.3E-03		5.6E-08	1.3E-03
7440-41-7	Beryllium and compounds	0.318	0.318	0.318			1.6E-13	1.6E-13	8.7E-04		9.2E-09	8.7E-04
7440-43-9	Cadmium (Diet)	0.0709	0.0709	0.0709			2.7E-14	2.7E-14	3.9E-03	3.7E-04	4.1E-09	4.3E-03
16065-83-1	Chromium(III), Insoluble Salts	17.3	17.3	17.3					6.3E-05			6.3E-05
7440-48-4	Cobalt	6.71	6.71	6.71			1.3E-11	1.3E-11	1.2E-01		6.5E-07	1.2E-01
7440-50-8	Copper	7.95	7.95	7.95					1.1E-03			1.1E-03
123-91-1	Dioxane, 1,4-	0.00205	0.00205	0.00205	1.3E-10		3.1E-12	1.3E-10	3.7E-07		5.6E-08	4.3E-07
7439-92-1	~Lead and Compounds	10.4	10.4	10.4					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	86	86	86					2.0E-02		9.9E-07	2.0E-02
7439-97-6	~Mercury (elemental)	0.0227	0.0227	0.0227							1.1E-04	1.1E-04
7440-02-0	Nickel Soluble Salts	7.08	7.08	7.08			3.9E-13	3.9E-13	1.9E-03		4.1E-07	1.9E-03
14797-55-8	Nitrate (measured as nitrogen)	1.16	1.16	1.16					4.0E-06			4.0E-06
56-55-3	~Benz[a]anthracene	0.0747	0.0747	0.0747	2.1E-08	7.0E-09	3.4E-11	2.8E-08				
50-32-8	~Benzo[a]pyrene	0.0635	0.0635	0.0635	1.8E-07	5.9E-08	2.3E-14	2.4E-07	1.2E-03	3.6E-04	1.8E-08	1.5E-03
205-99-2	~Benzo[b]fluoranthene	0.106	0.106	0.106	3.0E-08	9.9E-09	3.8E-15	4.0E-08				
218-01-9	~Chrysene	0.0865	0.0865	0.0865	2.4E-10	8.1E-11	3.1E-17	3.2E-10				
206-44-0	~Fluoranthene	0.171	0.171	0.171					2.3E-05	7.2E-06		3.1E-05
129-00-0	~Pyrene	0.152	0.152	0.152					2.8E-05	8.6E-06		3.6E-05
7782-49-2	Selenium	0.639	0.639	0.639					7.0E-04		1.8E-11	7.0E-04
7440-22-4	Silver	0.118	0.118	0.118					1.3E-04			1.3E-04
7440-28-0	Thallium (Soluble Salts)	0.0596	0.0596	0.0596					3.3E-02			3.3E-02
7440-62-2	Vanadium and Compounds	18.7	18.7	18.7					2.0E-02		1.1E-07	2.0E-02
7440-66-6	Zinc and Compounds	13.5	13.5	13.5					2.5E-04			2.5E-04
						Cumulative:		6.7E-07				2.1E-01

North Carolina Department of Environmental Quality
Risk Calculator

Version Date:	January 2025
Basis:	November 2024 EPA RSL Table
Site Name:	City of Durham Parks- Northgate Park
Site Address:	300 W. Club Boulevard & 404 W. Lavender Ave., Durham, NC
DEQ Section:	Pre-Regulatory Landfill Group
Site ID:	NONCD0000825
Exposure Unit ID:	SED-6 Risk Assessment
Submittal Date:	3/10/2026
Prepared By:	Rachel Moore
Reviewed By:	Tom Raymond

Exposure Point Concentrations **Input Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-6 Risk Assessment

Soil Exposure Point Concentration Table

Description of Exposure Point Concentration Selection:

NOTE: If the chemical list is changed from a prior calculator run, remember to select "See All Chemicals" on the data output sheet or newly added chemicals will not be included in risk calculations

Exposure Point Concentration (mg/kg)	Notes:	CAS Number	Chemical For the chemicals highlighted in blue, data entry notes are provided in the PSRG Table link on the Main Menu	Minimum Concentration (Qualifier)	Maximum Concentration (Qualifier)	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background Value	Screening Toxicity Value (Screening Level) (n/c)	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag (Y/N)	Rationale for Selection or Deletion
0.00886	J	67-64-1	Acetone			mg/kg	SED-6									
0.733		7440-38-2	Arsenic, Inorganic			mg/kg	SED-6									
14.8	B	7440-39-3	Barium			mg/kg	SED-6									
0.000362	J	71-43-2	Benzene			mg/kg	SED-6									
0.131	J	7440-41-7	Beryllium and compounds			mg/kg	SED-6									
0.0286	J	7440-43-9	Cadmium (Diet)			mg/kg	SED-6									
19.9		16065-83-1	Chromium(III), Insoluble Salts			mg/kg	SED-6									
3.27		7440-48-4	Cobalt			mg/kg	SED-6									
3.6		7440-50-8	Copper			mg/kg	SED-6									
0.00209		123-91-1	Dioxane, 1,4-			mg/kg	SED-6									
3.88		7439-92-1	~Lead and Compounds			mg/kg	SED-6									
34.8	B	7439-96-5	Manganese (Non-diet)			mg/kg	SED-6									
5.35		7440-02-0	Nickel Soluble Salts			mg/kg	SED-6									
1.08	J	14797-55-8	Nitrate (measured as nitrogen)			mg/kg	SED-6									
0.0686	J	56-55-3	~Benz[a]anthracene			mg/kg	SED-6									
0.0802	J	50-32-8	~Benzo[a]pyrene			mg/kg	SED-6									
0.137	J	205-99-2	~Benzo[b]fluoranthene			mg/kg	SED-6									
0.0454	J	207-08-9	~Benzo[k]fluoranthene			mg/kg	SED-6									
0.104	J	218-01-9	~Chrysene			mg/kg	SED-6									
0.163	J	206-44-0	~Fluoranthene			mg/kg	SED-6									
0.0755	J	193-39-5	~Indeno[1,2,3-cd]pyrene			mg/kg	SED-6									
0.134	J	129-00-0	~Pyrene			mg/kg	SED-6									
0.185	J	7782-49-2	Selenium			mg/kg	SED-6									
0.203	B	7440-22-4	Silver			mg/kg	SED-6									
0.00116	J	108-88-3	Toluene			mg/kg	SED-6									
12.1		7440-62-2	Vanadium and Compounds			mg/kg	SED-6									
19.3		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	2.0E-06	2.3E-01	NO
	Groundwater Use*	NC	NC	NC
Non-Residential Worker	Soil	3.0E-07	1.5E-02	NO
	Groundwater Use*	NC	NC	NC
Construction Worker	Soil	NC	NC	NC
Recreator/Trespasser	Soil	8.7E-07	9.7E-02	NO
	Surface Water*	NC	NC	NC

VAPOR INTRUSION CALCULATORS

Receptor	Pathway	Carcinogenic Risk	Hazard Index	Risk exceeded?
Resident	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC
Non-Residential Worker	Groundwater to Indoor Air	NC	NC	NC
	Soil Gas to Indoor Air	NC	NC	NC
	Indoor Air	NC	NC	NC

CONTAMINANT MIGRATION CALCULATORS

Pathway	Source	Target Receptor Concentrations Exceeded?	
Groundwater	Source Soil	Exceedence of 2L at Receptor?	NC
	Source Groundwater	Exceedence of 2L at Receptor?	NC
Surface Water	Source Soil	Exceedence of 2B at Receptor?	NC
	Source Groundwater	Exceedence of 2B at Receptor?	NC

Notes:

1. If lead concentrations were entered in the exposure point concentration tables, see the individual calculator sheets for lead concentrations in comparison to screening levels. Note that lead is not included in cumulative risk calculations.

2. * = If concentrations in groundwater exceed the NC 2L Standards or IMAC, or concentrations in surface water exceed the NC 2B Standards, appropriate remediation and/or institutional control measures will be necessary to be eligible for a risk-based closure.
3. NM = Not modeled, required contaminant migration parameters were not entered.
4. NC = Pathway not calculated, user did not check this pathway as complete.

DEQ Risk Calculator - Direct Contact - Resident Soil **Output Form 2A**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: NONCD0000825

Exposure Unit ID: SED-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	0.00886	0.00886	0.00886					1.3E-07			1.3E-07
7440-38-2	Arsenic, Inorganic	0.733	0.733	0.733	9.5E-07	1.3E-07	1.9E-11	1.1E-06	1.9E-02	2.2E-03	7.9E-07	2.1E-02
7440-39-3	Barium	14.8	14.8	14.8					9.5E-04		4.8E-07	9.5E-04
71-43-2	Benzene	0.000362	0.000362	0.000362	2.9E-11		2.7E-10	3.0E-10	1.2E-06		3.1E-06	4.2E-06
7440-41-7	Beryllium and compounds	0.131	0.131	0.131			1.9E-12	1.9E-12	8.4E-04		1.1E-07	8.4E-04
7440-43-9	Cadmium (Diet)	0.0286	0.0286	0.0286			3.1E-13	3.1E-13	3.7E-03	3.5E-04	4.6E-08	4.0E-03
16065-83-1	Chromium(III), Insoluble Salts	19.9	19.9	19.9					1.7E-04			1.7E-04
7440-48-4	Cobalt	3.27	3.27	3.27			1.8E-10	1.8E-10	1.4E-01		8.8E-06	1.4E-01
7440-50-8	Copper	3.6	3.6	3.6					1.2E-03			1.2E-03
123-91-1	Dioxane, 1,4-	0.00209	0.00209	0.00209	3.0E-10		8.8E-11	3.9E-10	8.9E-07		1.6E-06	2.5E-06
7439-92-1	~Lead and Compounds	3.88	3.88	3.88					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	34.8	34.8	34.8					1.9E-02		1.1E-05	1.9E-02
7440-02-0	Nickel Soluble Salts	5.35	5.35	5.35			8.4E-12	8.4E-12	3.4E-03		8.6E-06	3.4E-03
14797-55-8	Nitrate (measured as nitrogen)	1.08	1.08	1.08					8.6E-06			8.6E-06
56-55-3	~Benz[a]anthracene	0.0686	0.0686	0.0686	4.5E-08	1.5E-08	8.7E-10	6.1E-08				
50-32-8	~Benzo[a]pyrene	0.0802	0.0802	0.0802	5.2E-07	1.7E-07	8.0E-13	7.0E-07	3.4E-03	1.1E-03	6.5E-07	4.5E-03
205-99-2	~Benzo[b]fluoranthene	0.137	0.137	0.137	8.9E-08	3.0E-08	1.4E-13	1.2E-07				
207-08-9	~Benzo[k]fluoranthene	0.0454	0.0454	0.0454	3.0E-09	9.9E-10	4.5E-15	4.0E-09				
218-01-9	~Chrysene	0.104	0.104	0.104	6.8E-10	2.3E-10	1.0E-15	9.1E-10				
206-44-0	~Fluoranthene	0.163	0.163	0.163					5.2E-05	1.6E-05		6.8E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0755	0.0755	0.0755	4.9E-08	1.6E-08	7.5E-14	6.6E-08				
129-00-0	~Pyrene	0.134	0.134	0.134					5.7E-05	1.8E-05		7.5E-05
7782-49-2	Selenium	0.185	0.185	0.185					4.7E-04		1.5E-10	4.7E-04
7440-22-4	Silver	0.203	0.203	0.203					5.2E-04			5.2E-04
108-88-3	Toluene	0.00116	0.00116	0.00116					1.9E-07		4.9E-08	2.3E-07
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	19.3	19.3	19.3					8.2E-04			8.2E-04
						Cumulative:		2.0E-06				2.3E-01

DEQ Risk Calculator - Direct Contact - Non-Residential Worker Soil **Output Form 2C**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.00886	0.00886	0.00886					8.4E-09			8.4E-09
7440-38-2	Arsenic, Inorganic	0.733	0.733	0.733	2.0E-07	4.3E-08	4.3E-12	2.4E-07	1.3E-03	2.7E-04	1.9E-07	1.5E-03
7440-39-3	Barium	14.8	14.8	14.8					6.3E-05		1.1E-07	6.3E-05
71-43-2	Benzene	0.000362	0.000362	0.000362	6.1E-12		6.1E-11	6.7E-11	7.7E-08		7.3E-07	8.1E-07
7440-41-7	Beryllium and compounds	0.131	0.131	0.131			4.3E-13	4.3E-13	5.6E-05		2.5E-08	5.6E-05
7440-43-9	Cadmium (Diet)	0.0286	0.0286	0.0286			7.1E-14	7.1E-14	2.4E-04	4.1E-05	1.1E-08	2.9E-04
16065-83-1	Chromium(III), Insoluble Salts	19.9	19.9	19.9					1.1E-05			1.1E-05
7440-48-4	Cobalt	3.27	3.27	3.27			4.0E-11	4.0E-11	9.3E-03		2.1E-06	9.3E-03
7440-50-8	Copper	3.6	3.6	3.6					7.7E-05			7.7E-05
123-91-1	Dioxane, 1,4-	0.00209	0.00209	0.00209	6.4E-11		2.0E-11	8.4E-11	6.0E-08		3.8E-07	4.4E-07
7439-92-1	~Lead and Compounds	3.88	3.88	3.88					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	34.8	34.8	34.8					1.2E-03		2.7E-06	1.2E-03
7440-02-0	Nickel Soluble Salts	5.35	5.35	5.35			1.9E-12	1.9E-12	2.3E-04		2.1E-06	2.3E-04
14797-55-8	Nitrate (measured as nitrogen)	1.08	1.08	1.08					5.8E-07			5.8E-07
56-55-3	~Benz[a]anthracene	0.0686	0.0686	0.0686	2.1E-09	1.2E-09	7.2E-11	3.3E-09				
50-32-8	~Benzo[a]pyrene	0.0802	0.0802	0.0802	2.5E-08	1.3E-08	6.6E-14	3.8E-08	2.3E-04	1.3E-04	1.5E-07	3.5E-04
205-99-2	~Benzo[b]fluoranthene	0.137	0.137	0.137	4.2E-09	2.3E-09	1.1E-14	6.5E-09				
207-08-9	~Benzo[k]fluoranthene	0.0454	0.0454	0.0454	1.4E-10	7.6E-11	3.7E-16	2.2E-10				
218-01-9	~Chrysene	0.104	0.104	0.104	3.2E-11	1.7E-11	8.6E-17	4.9E-11				
206-44-0	~Fluoranthene	0.163	0.163	0.163					3.5E-06	1.9E-06		5.4E-06
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0755	0.0755	0.0755	2.3E-09	1.3E-09	6.2E-15	3.6E-09				
129-00-0	~Pyrene	0.134	0.134	0.134					3.8E-06	2.1E-06		5.9E-06
7782-49-2	Selenium	0.185	0.185	0.185					3.2E-05		3.6E-11	3.2E-05
7440-22-4	Silver	0.203	0.203	0.203					3.5E-05			3.5E-05
108-88-3	Toluene	0.00116	0.00116	0.00116					1.2E-08		1.2E-08	2.4E-08
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	19.3	19.3	19.3					5.5E-05			5.5E-05
						Cumulative:		3.0E-07				1.5E-02

DEQ Risk Calculator - Direct Contact - Recreator/Trespasser Soil **Output Form 2F**

Version Date: January 2025

Basis: November 2024 EPA RSL Table

Site ID: 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	0.00886	0.00886	0.00886					5.4E-08			5.4E-08
7440-38-2	Arsenic, Inorganic	0.733	0.733	0.733	4.1E-07	5.7E-08	6.8E-13	4.6E-07	8.0E-03	9.5E-04	2.8E-08	9.0E-03
7440-39-3	Barium	14.8	14.8	14.8					4.1E-04		1.7E-08	4.1E-04
71-43-2	Benzene	0.000362	0.000362	0.000362	1.2E-11		9.5E-12	2.2E-11	5.0E-07		1.1E-07	6.1E-07
7440-41-7	Beryllium and compounds	0.131	0.131	0.131			6.7E-14	6.7E-14	3.6E-04		3.8E-09	3.6E-04
7440-43-9	Cadmium (Diet)	0.0286	0.0286	0.0286			1.1E-14	1.1E-14	1.6E-03	1.5E-04	1.7E-09	1.7E-03
16065-83-1	Chromium(III), Insoluble Salts	19.9	19.9	19.9					7.3E-05			7.3E-05
7440-48-4	Cobalt	3.27	3.27	3.27			6.3E-12	6.3E-12	6.0E-02		3.1E-07	6.0E-02
7440-50-8	Copper	3.6	3.6	3.6					4.9E-04			4.9E-04
123-91-1	Dioxane, 1,4-	0.00209	0.00209	0.00209	1.3E-10		3.2E-12	1.3E-10	3.8E-07		5.7E-08	4.4E-07
7439-92-1	~Lead and Compounds	3.88	3.88	3.88					**<SL****	**<SL****	**<SL****	
7439-96-5	Manganese (Non-diet)	34.8	34.8	34.8					7.9E-03		4.0E-07	7.9E-03
7440-02-0	Nickel Soluble Salts	5.35	5.35	5.35			3.0E-13	3.0E-13	1.5E-03		3.1E-07	1.5E-03
14797-55-8	Nitrate (measured as nitrogen)	1.08	1.08	1.08					3.7E-06			3.7E-06
56-55-3	~Benz[a]anthracene	0.0686	0.0686	0.0686	1.9E-08	6.4E-09	3.1E-11	2.6E-08				
50-32-8	~Benzo[a]pyrene	0.0802	0.0802	0.0802	2.2E-07	7.5E-08	2.9E-14	3.0E-07	1.5E-03	4.5E-04	2.3E-08	1.9E-03
205-99-2	~Benzo[b]fluoranthene	0.137	0.137	0.137	3.8E-08	1.3E-08	4.9E-15	5.1E-08				
207-08-9	~Benzo[k]fluoranthene	0.0454	0.0454	0.0454	1.3E-09	4.2E-10	1.6E-16	1.7E-09				
218-01-9	~Chrysene	0.104	0.104	0.104	2.9E-10	9.7E-11	3.7E-17	3.9E-10				
206-44-0	~Fluoranthene	0.163	0.163	0.163					2.2E-05	6.9E-06		2.9E-05
193-39-5	~Indeno[1,2,3-cd]pyrene	0.0755	0.0755	0.0755	2.1E-08	7.1E-09	2.7E-15	2.8E-08				
129-00-0	~Pyrene	0.134	0.134	0.134					2.4E-05	7.6E-06		3.2E-05
7782-49-2	Selenium	0.185	0.185	0.185					2.0E-04		5.3E-12	2.0E-04
7440-22-4	Silver	0.203	0.203	0.203					2.2E-04			2.2E-04
108-88-3	Toluene	0.00116	0.00116	0.00116					7.9E-08		1.7E-09	8.1E-08
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	19.3	19.3	19.3					3.5E-04			3.5E-04
						Cumulative:		8.7E-07				9.7E-02