



Limited Soil and Groundwater Environmental  
Site Assessment Report  
I-526 Long Point Road  
Mount Pleasant, South Carolina  
S&ME Project No. 200424A

PREPARED FOR:

**CDM Smith**  
**1441 Main Street, Suite 1000**  
**Columbia, South Carolina 29201**

PREPARED BY:

**S&ME, Inc.**  
**7410 Northside Drive, Suite 110**  
**North Charleston, South Carolina 29420**

**September 26, 2025**



September 26, 2025

CDM Smith  
1441 Main Street, Suite 1000  
Columbia, South Carolina 29201

Attention: Mr. Thomas Evans, P.E.

Reference: **Limited Soil and Groundwater Environmental Site Assessment Report  
I-526 Long Point Road Interchange**  
Mount Pleasant, Charleston County, South Carolina  
S&ME Project No. 200424A

Dear Mr. Evans:

S&ME, Inc. (S&ME) is pleased to provide this Limited Soil and Groundwater Environmental Site Assessment Report for the I-526E Long Point Road Interchange project site located in Mount Pleasant, Charleston County, South Carolina. We performed the soil and groundwater assessment activities in general accordance with our Agreement between Engineer and Subcontractor for Professional Services (CDM Smith Inc. Project Number 222690) dated March 29, 2023 and Amendment No. 1 to Agreement Between Engineer and Subcontractor dated May 29, 2025.

If you have any questions regarding this submittal, please contact us at 843.884.0005.

Sincerely,

**S&ME, Inc.**

David Corry  
Staff Environmental Professional

Mary Beth Cline, PE  
Senior Engineer



## Table of Contents

<b>1.0</b>	<b>Introduction .....</b>	<b>1</b>
<b>2.0</b>	<b>Project Background.....</b>	<b>1</b>
	<i>Lyerly's Cleaners – 620 Long Point Road.....</i>	<i>2</i>
	<i>Bridge Terminal Transport – 472 Long Point Road .....</i>	<i>2</i>
	<i>Wando Trucking – 510 Wando Lane .....</i>	<i>2</i>
	<i>Wando Fuel and Truck – 454 Shipping Lane .....</i>	<i>2</i>
	<i>Wando Properties – Tax Parcel 5560000294 – 645 Long Point Road.....</i>	<i>3</i>
	<i>Long Point Holdings – Tax Parcel 5370000010 – 463 Long Point Road.....</i>	<i>3</i>
	<i>SC State Ports Authority – Tax Parcel 5370000041 – 400 Long Point Road.....</i>	<i>3</i>
	<i>Truck Repair &amp; Landscape Maintenance - Tax Parcel 5370000012 – 449 &amp; 451 Long Point Road .....</i>	<i>3</i>
	<i>443 Long Point Road - Tax Parcel 5370000013 .....</i>	<i>3</i>
<b>3.0</b>	<b>Assessment Tasks .....</b>	<b>4</b>
3.1	Laboratory Analysis of Collected Samples .....	5
3.2	VOC Trip Blanks.....	5
3.3	Health and Safety .....	5
3.4	Utility Location and Traffic Control .....	5
3.5	Decontamination Procedures .....	5
3.6	Soil Quality Assessment.....	6
3.6.1	Soil Sample Collection.....	6
3.6.2	Soil Sample Analysis.....	7
3.7	Groundwater Quality Assessment.....	7
3.7.1	Temporary Monitoring Well Approval.....	8
3.7.2	Temporary Monitoring Well Installation .....	8
3.7.3	Groundwater Sample Collection .....	8
3.7.4	Groundwater Sample Analysis .....	9
3.7.5	Monitoring Well Abandonment.....	9
3.8	Investigative Derived Waste.....	10



<b>4.0</b>	<b>Assessment Results and Discussion .....</b>	<b>10</b>
4.1	Soil and Groundwater Screening Levels.....	10
4.2	Trip Blank Results .....	11
4.3	Soil Sample Analytical Results .....	11
4.4	Groundwater Sample Analytical Results.....	11
4.5	Evaluation of Soil to Groundwater Pathway.....	12
4.6	Investigative Derived Waste.....	12
<b>5.0</b>	<b>Conclusions .....</b>	<b>12</b>
<b>6.0</b>	<b>Recommendations.....</b>	<b>13</b>
<b>7.0</b>	<b>Limitations.....</b>	<b>13</b>

## List of Tables

Table 3-1: Summary of Soil Sample Laboratory Analysis.....	7
Table 3-2: Summary of Groundwater Sample Laboratory Analysis .....	9

## Appendices

### Appendix I – Figures

Figure 1: Site Location Map

Figure 2: Sample Locations

### Appendix II – Additional Tables

Table II-1: Summary of Soil Field Screening Results

Table II-2: Summary of Soil Sample Laboratory Analytical Data - VOCs

Table II-3: Summary of Soil Sample Laboratory Analytical Data – PAHs

Table II-4: Summary of Groundwater Sample Laboratory Analytical Data - VOCs

Table II-5: Summary of Groundwater Sample Laboratory Analytical Data – PAHs

### Appendix III – Soil Boring Logs

### Appendix IV – Temporary Monitoring Well Approval and Water Well Records

### Appendix V – Field Data Information Sheets

### Appendix VI – Soil Sample Laboratory Analytical Reports

### Appendix VII – Groundwater Sample Laboratory Analytical Reports





## 1.0 Introduction

The South Carolina Department of Transportation (SCDOT) proposes improvements to the Interstate 526 (I-526) and Long Point Road (S-97) interchange in Mount Pleasant, Charleston County, South Carolina. The project extends along I-526 from the Wando River to Hobcaw Creek and along Long Point Road from the Wando Welch Terminal (WWT) to Egypt Road, hereafter referred to as the "Property". The general location of the proposed construction is shown in Figure 1 in Appendix I.

The project includes improving the interchange, entrance and exit ramps, and constructing a new flyover bridge. The Property includes right-of-way along Long Point Road and Shipping Lane. Numerous automotive repair facilities and other commercial businesses are located on the Property.

S&ME, SCDOT, and CDM Smith discussed the project scope via email correspondences and telephone conferences in June 2025. SCDOT selected specific areas on the Property for soil and groundwater assessment during a conference call on June 25, 2025.

This Limited Soil and Groundwater Assessment Report presents the procedures and results of the activities performed at the Property.

As a condition of the well approval obtained for this assessment, the laboratory reports and water well records will be submitted to the South Carolina Department of Environmental Services (SCDES).

## 2.0 Project Background

CDM Smith completed an Environmental Assessment (EA) dated March 14, 2023, for SCDOT of the Property (March 2023 EA). Appendix L of the March 2023 EA includes a Hazardous Materials Technical Memorandum. The purpose of the Hazardous Materials Technical Memorandum was to determine if there are any existing or potential properties of concern – relative to soil or groundwater contamination – that contain or could potentially contain hazardous waste. The following parcels of concern were identified on the Property:

- Lyerlys Cleaners, 620 Long Point Road;
- Bridge Terminal Transport, 472 Long Point Road;
- Wando Trucking, 510 Wando Lane;
- Wando Fuel and Truck Service, 454 Shipping Lane;
- Wando Properties, LLC, TMS No. 556-00-00-294;
- Long Point Holdings, TMS No. 537-00-00-010; and
- South Carolina State Ports Authority, TMS No. 537-00-00-041.

In June 2025, S&ME reviewed the findings provided in Appendix L of the March 2023 EA as described in Task A of the Limited Phase II Environmental Site Assessment (ESA) Scope of Work provided by the SCDOT. Conference calls between SCDOT, CDM Smith, and S&ME followed to discuss the additional findings. S&ME prepared a scope summary that included the parcels of concern identified in Appendix L of the March 2023 EA, additional sites

## Limited Soil and Groundwater Environmental Site Assessment Report

### I-526 Long Point Road Interchange

Mount Pleasant, Charleston County, South Carolina

S&ME Project No. 200424A



identified during our research for the Limited Phase II ESA, and opinions for soil and groundwater sampling and analysis based on feedback and requests provided by SCDOT, as detailed below.

#### *Lyerly's Cleaners – 620 Long Point Road*

- Environmental Database Report (EDR) listing is from a review of city directories that indicate a drycleaning business operated at the facility address.
- Facility is not on the SCDES Drycleaning Facility Restoration Trust Fund (DFRTF) drycleaning database.
- S&ME called Lyerly's, and an employee indicated the facility was for customers to drop off items. Drycleaning was conducted at a plant in West Ashley, not at the facility on Long Point Road.
- Based on available information that the facility was a dry drop (no drycleaning operations were conducted onsite) and distance of construction activities from the former Lyerly's Cleaners location, assessment of the Lyerly's Cleaners is not warranted.

#### *Bridge Terminal Transport – 472 Long Point Road*

- SPILLS database listing.
- SCDES notified of spill in 2015. Substance reported as oil. No additional information.
- SCDES notified of 0.5 gallon gasoline spill 2010.
- SCDES notified of 1 paint of liquid sodium hydroxide spill in 2000.
- No additional action was required by SCDES regarding the spills.
- Based on the regulatory status of the spills (closed) and the limited area of construction on the Bridge Terminal Transport property, the assessment will include one boring location (one soil sample and one groundwater sample) in the area of planned construction activities for volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PAHs) analysis.

#### *Wando Trucking – 510 Wando Lane*

- SPILLS database listing.
- SCDES notified of undocumented quantity of diesel fuel spill in 2002.
- 510 Wando Lane appears to be the offices for Wando Trucking.
- Eastern adjoining property, located at 456 Long Point Road, appears to be used for trucking storage, repair, and fueling. ASTs are visible in proximity to Long Point Road on historical aerial photographs.
- Based on the limited area of construction on the Wando Trucking property at 456 Long Point Road, the assessment will include two boring locations (two soil samples and one groundwater sample) in the area of planned construction activities for VOCs and PAHs analysis.

#### *Wando Fuel and Truck – 454 Shipping Lane*

- Underground Storage Tank (UST), Above ground Storage Tank (AST), and SPILLS database listings.
- Release from UST in 2022. Assessment ongoing.
- One UST remaining onsite. Extended out of use, but in compliance.
- SCDES notified of undocumented quantity of oil spill in 2000.
- Currently operated as Portside Jaguar & Land Rover automotive maintenance facility.

## Limited Soil and Groundwater Environmental Site Assessment Report

### I-526 Long Point Road Interchange

Mount Pleasant, Charleston County, South Carolina

S&ME Project No. 200424A



- Because construction activities may be necessary on Shipping Lane, the assessment will include two boring locations (two soil samples and one groundwater sample) in the area of possible construction activities for VOCs and PAHs analysis.

#### *Wando Properties – Tax Parcel 5560000294 – 645 Long Point Road*

- Historical uses include trucking storage and repair.
- Operations appeared to be near the structure located approximately 400 feet north of Long Point Road between 1990 and 2014.
- Construction activities are not planned on the north side of Long Point Road.
- Based on distance of historical operations and because no construction activities are planned on the Wando Properties Tax Parcel, assessment of the Wando Properties tax parcel is not warranted.

#### *Long Point Holdings – Tax Parcel 5370000010 – 463 Long Point Road*

- Storage of unknown containers and staining of pavement observed on historical aerials.
- Historical uses may have included trucking repair.
- Based on the historical use and planned areas of construction, the assessment will include one boring location (one soil sample and one groundwater sample) in the area of planned construction activities for VOCs and PAHs analysis.

#### *SC State Ports Authority – Tax Parcel 5370000041 – 400 Long Point Road*

- Uses include container storage and possible trucking repair. Staining of pavement observed on historical aerials.
- Two USTs (4,000-gallon gasoline and 30,000-gallon diesel) onsite.
- Two releases. Both releases received No Further Actions (NFAs) from SCDES.
- Based on the current and historical operations, the assessment will include four boring locations (four soil samples and four groundwater samples) in areas of planned construction activities for VOCs and PAHs analysis.

#### *Truck Repair & Landscape Maintenance - Tax Parcel 5370000012 – 449 & 451 Long Point Road*

- Historical uses include Universal Intermodal (trucking repair) and Pleasant Places (Landscaping Maintenance).
- Based on historical operations, the assessment will include four boring locations (four soil samples and two groundwater samples) in areas of planned construction activities for VOCs and PAHs analysis. Soil samples will also be analyzed for the full Toxicity Characteristic Leaching Procedure (TCLP) analysis.

#### *443 Long Point Road - Tax Parcel 5370000013*

- Aerial photographs include containers and debris around building.
- Based on historical operations, the assessment will include two boring locations (two soil samples and one groundwater sample) in areas of planned construction activities for VOCs and PAHs analysis.



Table 2-1 below presents a summary of the soil and groundwater sampling and analysis approved by the SCDOT during our conversation on June 25, 2025. Figure 2 in Appendix I presents the sampling locations.

**Table 2-1 - Summary of Soil and Groundwater Samples and Analysis**

Site	Number of Soil Samples	Number of Groundwater Samples	Analysis
<b>Bridge Terminal Transport</b>	<b>1</b>	<b>1</b>	<b>VOCs and PAHs</b>
<b>Wando Trucking</b>	<b>2</b>	<b>1</b>	<b>VOCs and PAHs</b>
<b>Wando Fuel and Truck</b>	<b>2</b>	<b>1</b>	<b>VOCs and PAHs</b>
<b>Long Point Holdings</b>	<b>1</b>	<b>1</b>	<b>VOCs and PAHs</b>
<b>SC State Ports Authority</b>	<b>4</b>	<b>4</b>	<b>VOCs and PAHs</b>
Truck Repair and Landscape Maintenance (449 & 451 Long Point Road)	4	2	VOCs, PAHs, and Full TCLP
443 Long Point Road	2	1	VOCs and PAHs

Notes: VOC – Volatile Organic Compounds  
 PAH – Polynuclear Aromatic Hydrocarbons  
 TCLP – Toxicity Characteristic Leaching Procedure

As of the date of this report, access to Truck Repair and Landscape Maintenance located at 449 & 451 Long Point Road and 443 Long Point Road has not been provided by SCDOT. Soil and groundwater assessment of these two parcels was not conducted.

The limited soil and groundwater assessment tasks described in this report are intended to provide additional environmental quality information concerning the five sites bolded in Table 2-1 above. If CDM Smith or SCDOT selects additional sites at a later date or if access to sites identified as Truck Repair and Landscape Maintenance and 443 Long Point Road are provided, the additional assessment will be presented in an addendum.

### 3.0 Assessment Tasks

Sampling and analytical tasks conducted at the Property were performed as requested by CDM Smith and SCDOT and in general accordance with the current USEPA Region 4 Laboratory Services and Applied Science Division (LSASD) Field Branches Quality System and Technical Procedures to the extent detailed in each task activity described below. Sampling equipment in direct contact with samples was constructed of glass, stainless-steel, or polyethylene and handled by an environmental technician and/or professional donning nitrile gloves.

At each site, soil and groundwater samples were collected as described below. The sample locations were identified by the site name and corresponding samples were designated as SS-01 (soil samples) and TW-01 (groundwater water samples).



### **3.1 Laboratory Analysis of Collected Samples**

S&ME contacted Pace Analytical Services, LLC (Pace) located in Mount Juliet, Tennessee (SCDES certification no. 84004002) and ordered the appropriate sample glassware and chain-of-custody forms for use in the field. S&ME requested a Level 2 laboratory report from Pace to include laboratory quality control results.

S&ME collected discrete samples of soil and groundwater and requested analysis of various constituents from the following list:

- VOCs by SW846 Method 8260D in soil and groundwater samples;
- Ethylene dibromide (EDB) and 1,2-dibromo-3-chloropropane (DBCP) by SW846 Method 8011 in groundwater samples only; and
- PAHs by SW846 Method 8270E-SIM in soil and groundwater samples.

S&ME collected sufficient sample volumes to allow Pace to analyze Matrix Spike and Matrix Spike Duplicate samples.

### **3.2 VOC Trip Blanks**

Water volatile organic compounds (VOC) trip blanks provided by the laboratory were stored with samples collected during the assessment to determine if samples were contaminated during storage and/or shipment. A trip blank was maintained in each sample cooler containing soil or groundwater VOC samples.

### **3.3 Health and Safety**

S&ME prepared a site-specific health and safety plan (HASP) for the planned assessment tasks. The HASP was developed in accordance with 29 CFR § 1910.120 and designed to protect on-site workers directly involved with assessment tasks (i.e., handling potentially contaminated sample media). The HASP was prepared by a Professional Engineer and is dated July 25, 2025. A copy of the HASP was maintained on-site during the assessment activities. Conditions at the Property during the assessment did not require amendments to the HASP.

### **3.4 Utility Location and Traffic Control**

S&ME contacted SC-811 public utility locating service and subcontracted private utility locating services prior to conducting our site activities.

Traffic control, including the use of warning signs and traffic cones, was not required per SCDOT guidelines based on the selected boring locations. Thus, S&ME followed internal traffic control safety requirements.

### **3.5 Decontamination Procedures**

Prior to mobilization to the Property, S&ME decontaminated re-usable soil sampling equipment that would come in contact with the collected samples (e.g., stainless steel bowls and spoons) in general accordance with the current USEPA Region 4 LSASD Operating Procedure No. ASBPROC-206 (Field Equipment Cleaning and Decontamination at the FEC). An adequate quantity of decontaminated soil sampling equipment was brought to the Property such that field decontamination of sampling equipment was not necessary between sample



locations. As field decontamination of soil sampling equipment was not performed, an equipment rinsate blank sample was not collected.

Field decontamination of down-hole drilling equipment was conducted in general accordance with the USEPA Operating Procedure titled Field Equipment Cleaning and Decontamination (No. LSASDPROC-205).

The water used to decontaminate the drilling equipment and the collected solids was containerized as investigative derived waste (IDW) in steel, 55-gallon drums.

New, disposable soil sample liners were used to collect soil samples and new, disposable tubing was used to collect groundwater samples at each sample location. After sample collection, the liners and tubing were properly disposed.

### **3.6 Soil Quality Assessment**

Between August 4 and 5, 2025, S&ME conducted ten soil borings on the selected sites. Soil boring locations were determined based upon utility clearances, areas of suspected contamination, and anticipated areas of construction based on information provided CDM Smith and SCDOT. The soil boring locations are presented on Figure 2 in Appendix I.

#### **3.6.1 Soil Sample Collection**

S&ME collected soil samples from the borings per the current USEPA Operating Procedure titled Soil Sampling (No. LSASDPROC-300) to the extent detailed below. Soil samples were collected for subsequent observation, field screening, and laboratory analysis using a direct push technology (DPT) sampling rig equipped with a Macro-Core® Soil Sampling system (or similar system).

Soil samples were collected from the soil borings starting at the ground surface (or just below the pavement) to the top of the apparent groundwater table. Soils encountered in the borings generally consisted of sand and clays to the apparent water table, which was generally encountered at approximately 3-7 feet (ft) below ground surface (bgs). Soil boring logs are included in Appendix III.

The soil samples were field screened at approximately 1-ft depth intervals using a photoionization detector (PID), which can detect volatile organic vapors. Soil samples to be field screened were placed into a resealable plastic bag and allowed to equilibrate to ambient temperatures. Following equilibration, the probe of the PID was inserted into the bag and the maximum reading was recorded in parts per million (ppm). Soil field screening results ranged from non-detect to 7.6 ppm. The highest PID reading was recorded on the Long Point Holdings property in soil boring LPH-SS-01 at a depth of 0-1 ft bgs. Soil field screening results are presented in Appendix II, Table II-1.

No odors were observed. Soil staining was observed on the SC State Ports Authority property in soil boring SCSPA-SS-02.

Based on the field screening results and field observations, one discrete depth interval sample was selected from each soil boring and submitted for laboratory analysis. Generally, the soil sample interval collected from above

## Limited Soil and Groundwater Environmental Site Assessment Report

### I-526 Long Point Road Interchange

Mount Pleasant, Charleston County, South Carolina

S&ME Project No. 200424A



the apparent groundwater table exhibiting the greatest field screening result was selected for laboratory analysis of VOCs and PAHs. Table II-1 in Appendix II denotes the sample intervals selected for laboratory analysis. The soil samples were identified by the soil boring location followed by boring number at that location. For example, a sample collected from soil boring location SS-04 at SC State Port Authority was given a sample identification of SCSPA-SS-04. The sampled interval depth was recorded in the field notes while on site.

Sample containers were appropriately filled, taking care to prevent soil from remaining in the lid threads prior to being closed to prevent potential contaminant migration to or from the sample. Sample containers were closed as soon as they were filled, placed into an iced cooler, and processed for shipment to the laboratory for analysis.

#### 3.6.2 Soil Sample Analysis

A total of 10 soil samples were collected for laboratory analysis. The collected soil samples were shipped to the laboratory and analyzed for VOCs and PAHs as detailed in Table 3-1 below.

**Table 3-1: Summary of Soil Sample Laboratory Analysis**

Site	Soil Sample / Boring ID	Sample Depth (feet bgs)	Assessed Potential Contaminants	Analysis
Bridge Terminal Transport	BTT-SS-01	3 – 4	Petroleum and Solvents	VOCs and PAHs
Wando Trucking	WT-SS-01	3 – 4	Petroleum and Solvents	VOCs and PAHs
	WT-SS-02	1 – 2		
Wando Fuel and Truck	WF&T-SS-01	2 - 3	Petroleum and Solvents	VOCs and PAHs
	WF&T-SS-02	2 – 3		
Long Point Holdings	LPH-SS-01	0 – 1	Petroleum and Solvents	VOCs and PAHs
SC State Ports Authority	SCSPA-SS-01	5 – 6	Petroleum and Solvents	VOCs and PAHs
	SCSPA-SS-02	4 - 5		
	SCSPA-SS-03	2 – 3		
	SCSPA-SS-04	4 – 5		

### 3.7 Groundwater Quality Assessment

Following soil sample collection, S&ME installed eight temporary groundwater monitoring wells for the purpose of collecting groundwater samples for subsequent laboratory analysis.

Groundwater sample locations are depicted on Figure 2 in Appendix I. The procedures to install the temporary wells, collect the groundwater samples, analyze the collected samples, and abandon the temporary wells are detailed below.





### *3.7.1 Temporary Monitoring Well Approval*

On July 25, 2025, prior to temporary monitoring well installation and as required, S&ME submitted an application to SCDES for approval to install temporary groundwater monitoring wells at the selected site locations on behalf of SCDOT. The SCDES sent a letter dated July 26, 2025 via email issuing monitoring well approval # SARRMW-00739. The SCDES temporary monitoring well approval is provided in Appendix IV.

As a condition to the approval, data collected during this assessment will be reported to the SCDES.

### *3.7.2 Temporary Monitoring Well Installation*

On August 4 and 5, 2025, S&ME installed eight shallow temporary groundwater monitoring wells for the purpose of collecting groundwater samples for laboratory analysis. The groundwater monitoring wells were installed per the current USEPA Guidance titled Design and Installation of Monitoring Wells (No. SESDGUID-101) and the South Carolina Well Standards (R. 61-71), to the extent detailed below.

The temporary monitoring wells were installed using a DPT rig. The temporary wells were installed by extending the soil borings to approximate depths of 12-15 ft bgs in an attempt to bracket the top of the water table in the well screens. The bottom 10 ft of each temporary well was constructed of 1.0-inch inside diameter PVC slotted well screen (0.01-inch slot) and 1.0-inch inside diameter PVC well casing. Solid 1-inch diameter PVC casing was installed from the top of the well screens to the ground surface. No. 2 filter sand was placed in the annular space to approximately 1 ft above the top of the well screen. The annular space above the filter sand was filled with a bentonite seal to the ground surface. A locking protective cap was placed on top of each well.

Soils encountered below the apparent water table generally consisted of sand and clays.

The temporary monitoring wells were installed under the direction of a South Carolina certified well driller (certification number 1790B) per South Carolina Well Standards (R. 61-71). Water Well Records (SCDES Form 1903) documenting the well installations are provided in Appendix IV.

### *3.7.3 Groundwater Sample Collection*

S&ME collected groundwater samples from each of the newly installed temporary monitoring wells using a peristaltic pump and new, disposable tubing. The wells were sampled per the current USEPA Operating Procedure titled Groundwater Sampling (SESDPROC-301), to the extent detailed below.

On August 6 and 7, 2025, prior to sampling, the depths to water in the wells were measured from the top of casings (TOCs) using a water level indicator. The wells were purged to remove sediments in the well column and to restore the natural hydraulic flow conditions of the aquifer. During purging, groundwater was measured for conductivity, pH, temperature, and turbidity using calibrated field instruments. Purging was considered complete when at least three well volumes had been removed; conductivity, pH, and temperature measurements had stabilized; and turbidity measurements were less than 10 Nephelometric Turbidity Units (NTUs) at each well. Turbidity readings less than 10 NTUs were achieved in each monitoring well. No odors or sheen were observed in groundwater collected from the eight monitoring wells. Field data information sheets for the groundwater sampling are provided in Appendix V.





Following purging, S&ME personnel collected a groundwater sample from each well. The portion of the sample for analysis of VOCs was collected first by filling the tubing with groundwater. A gloved environmental technician removed the tubing from the pump and placed his gloved hand at the end of the tubing to prevent water from draining back into the well. The tubing was then removed from the well and groundwater was allowed to slowly drain into the laboratory-provided sample bottles. After the portion of the sample for analysis of VOCs was collected, the tubing was returned to the well at the same approximate depth as before to collect the portions of the sample for the remaining analyses. Sample containers were closed as soon as they were filled, placed into an iced cooler, and processed for shipment to the laboratory for analysis.

Well purge water derived from well sampling activities was containerized in steel 55-gallon drums as IDW. The drum was labeled according to content, sampling media, location, and date generated and staged on the Property to await proper disposal.

#### 3.7.4 *Groundwater Sample Analysis*

A total of eight groundwater samples were collected for laboratory analysis. The collected groundwater samples were shipped to the laboratory and analyzed for various constituents presented in Table 3-2 below.

**Table 3-2: Summary of Groundwater Sample Laboratory Analysis**

Site	Groundwater Sample / Well ID	Assessed Potential Contaminants	Analysis
Bridge Terminal Transport	BTT-TW-01	Petroleum and Solvents	VOCs and PAHs
Wando Trucking	WT-TW-01	Petroleum and Solvents	VOCs and PAHs
Wando Fuel and Truck	WF&T-TW-01	Petroleum and Solvents	VOCs and PAHs
Long Point Holdings	LPH-TW-01	Petroleum and Solvents	VOCs and PAHs
SC State Ports Authority	SCSPA-TW-01	Petroleum and Solvents	VOCs and PAHs
	SCSPA-TW-02		
	SCSPA-TW-03		
	SCSPA-TW-04		

#### 3.7.5 *Monitoring Well Abandonment*

On September 11, 2025, after receiving the laboratory analytical results for the groundwater samples, a South Carolina Certified Well Driller (certification number 2443D) abandoned the temporary monitoring wells in accordance with South Carolina Well Standards and Regulations, R.61-71. Water Well Records (SCDES Form 1903) documenting the well abandonments are included in Appendix IV.



### **3.8 Investigative Derived Waste**

Collected liquid and solid waste generated during decontamination of sampling and drilling equipment, soil cuttings, and purge water generated during groundwater sampling activities was containerized in steel 55-gallon drums as IDW. The drums were labeled and staged on the Property to await proper disposal pending laboratory results.

## **4.0 Assessment Results and Discussion**

The laboratory soil and groundwater sample analytical results are discussed in the following sections. The results and comparisons to screening levels are summarized in tables included in Appendix II. The laboratory analytical reports are provided in Appendix VI (soil samples) and Appendix VII (groundwater samples).

### **4.1 Soil and Groundwater Screening Levels**

We compared the analytical data from the collected soil samples to the following screening levels for soil listed in the USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites table (SL Table), dated November 2024:

- Residential screening levels for exposure to soil through ingestion, inhalation of particulates, and dermal contact (R-SSLs);
- Industrial screening levels for exposure to soil through ingestion, inhalation of particulates, and dermal contact (I-SSLs); and
- Soil screening levels for potential contaminant migration from soil to groundwater based on EPA maximum contaminant levels for drinking water (GW-SSLs), if listed for the constituent.

The R-SSLs and I-SSLs used for comparison were based on a Target Cancer Risk of 1E-06 and a Target Non-Cancer Hazard Quotient of 1.0. The GW-SSLs to be used for comparison were based on a dilution attenuation factor (DAF) of 1.

We also compared the soil sample analytical results to the Risk Based Screening Levels (RBSLs) for soils listed in the SCDES Quality Assurance Program Plan (QAPP) Revision 4.0 for the UST Management Division. The specific SCDES screening levels for soil include the:

- RBSLs listed in Table D3: RBSLs for Sandy Soil Determined Based on Groundwater RBSLs (GW-SRBSL);
- Residential RBSLs listed in Table D6: RBSLs for Ingestion or Dermal Contact with Surface Soil (R-SRBSL); and
- Industrial RBSLs listed in Table D6: RBSLs for Ingestion or Dermal Contact with Surface Soil (I-SRBSL).



We compared the groundwater sample analytical results to the following screening levels:

- MCLs for drinking water as set forth in the South Carolina Primary Drinking Water Regulations, R.61-58; and
- RBSLs for groundwater (RBSLs) listed in the SCDES UST QAPP.

If an MCL or RBSL is not specified for a constituent, we compared the groundwater sample analytical results to the Tap Water Screening Level (TWSLs) listed in the USEPA SL Table. The TWSLs used for comparison were based on a Target Cancer Risk of 1E-06 and a Target Non-Cancer Hazard Quotient of 1.0.

## **4.2 Trip Blank Results**

According to the Pace analytical reports, no analyzed VOCs were detected in the two trip blanks that accompanied the soil samples or two trip blanks that accompanied the groundwater samples.

## **4.3 Soil Sample Analytical Results**

The laboratory analytical results indicated that multiple analytes were detected in the collected soil samples, as discussed below:

- Two VOCs were detected in one or more soil samples; and
- Ten of the 20 analyzed PAHs were detected in one or more soil samples.

According to the laboratory analytical results, none of the analyzed VOCs or PAHs were detected at concentrations greater than the respective screening levels.

The laboratory analytical results and comparisons to screening levels for soil samples are summarized in Table II-2 and Table II-3 in Appendix II. The laboratory analytical reports for the soil samples are provided in Appendix VI.

## **4.4 Groundwater Sample Analytical Results**

The laboratory analytical results indicated that multiple analytes were detected in the groundwater samples, as discussed below:

- VOCs were not detected in collected groundwater samples; and
- Five of the 16 analyzed PAHs were detected in one or more groundwater samples.

According to the laboratory analytical results, the concentrations of the PAHs detected in the groundwater samples were less than the applicable screening levels.

The laboratory analytical results and comparisons to screening levels for groundwater samples are summarized in Table II-4 and Table II-5 in Appendix II. The laboratory analytical report for the groundwater samples is provided in Appendix VII.



## **4.5 Evaluation of Soil to Groundwater Pathway**

An analyte's exceedance of the GW-SSL or GW-SRBSL in a soil sample indicates the potential to leach from soil to groundwater and could increase the concentration in groundwater to a level that exceeds the applicable MCL or RBSL. No analyzed constituents were detected in the collected soil samples at concentrations which exceeded the GW-SSLs or GW-SRBSL.

## **4.6 Investigative Derived Waste**

Collected liquid and solid waste generated during decontamination of sampling and drilling equipment; soil cuttings generated during soil sampling and temporary monitoring well installations; and purge water generated during groundwater sampling were containerized in steel 55-gallon drums as IDW. The drums were labeled according to content, sampling media, location, and date generated and staged on the Property. S&ME will arrange disposal of the onsite drums.

## **5.0 Conclusions**

S&ME performed a limited soil and groundwater environmental site assessment for the SCDOT's project that includes improvements to the I-526 and Long Point Road interchange in Mount Pleasant, South Carolina. The assessment activities included collecting soil samples for field screening and laboratory analysis, installing temporary groundwater monitoring wells, and collecting groundwater samples from the monitoring wells for laboratory analysis.

No odors were observed in the soil borings. Slight soil staining was observed at one soil boring identified as SCSPA-SS-02. The soil samples were field screened at approximately 1-ft depth intervals using a PID, which can detect volatile organic vapors. Soil field screening results ranged from non-detect to 7.6 ppm. The highest FID reading was recorded at soil boring LPH-SS-01 at a depth of 0-1 ft bgs.

S&ME collected 10 subsurface soil samples on the Property for laboratory analysis of VOCs and PAHs. Soil samples for this assessment were collected above the groundwater table. Soil quality below the groundwater table has not been assessed. We compared the soil analytical results to various screening levels as discussed above. The assessment results of the soil samples indicated that none of the analyzed constituents were detected at concentrations greater than respective screening levels.

Eight groundwater samples were collected from eight newly installed temporary monitoring wells for laboratory analysis of VOCs and PAHs. We compared the groundwater sample analytical results to various screening levels as discussed above. MCL and RBSL exceedances were not documented in the groundwater samples collected from the Property.

Collected liquid and solid waste generated during decontamination of sampling and drilling equipment, soil cuttings, and purge water generated during groundwater sampling were containerized in steel 55-gallon drums as IDW. The drums were labeled according to content, sampling media, location, and date generated and staged on the Property to await proper disposal. S&ME will arrange proper disposal of the IDW drums.



## 6.0 Recommendations

Based on the site observations, field screening results, and laboratory analytical data, petroleum and solvent impacts were not documented in the soil and groundwater samples collected from the Property. No special soil or groundwater management protocols are recommended for planned construction activities on the Property in assessed areas.

Samples for this limited Environmental Site Assessment were collected at discrete locations. Contaminated media (soil and groundwater) may be encountered during future construction activities. If contaminated media is encountered, we recommend that the material be managed properly.

As a condition of the well approval, the laboratory reports and SCDES Form 1903s will be submitted to the SCDES per the well approval requirements on SCDOT's behalf.

## 7.0 Limitations

This report is provided for the sole use of the client. Use of this report by any other parties will be at such party's sole risk and S&ME disclaims liability for any such use or reliance by third parties.

Environmental assessments are inherently constrained in the sense that conclusions are developed from information obtained from limited research and site evaluation. The laboratory analytical results are representative of conditions that existed on the date these samples were collected. The results presented in this report are indicative of conditions only during the time of the sampling and of the specific areas referenced. Conclusions about the site conditions under no circumstances comprise a warranty that conditions in all areas within the site are of the same quality as those sampled. In addition, contamination may exist in forms not indicated by the limited assessment. Changes in regulations, interpretations, and/or enforcement policies may occur at any time and such changes could affect our conclusions.

## **Appendices**

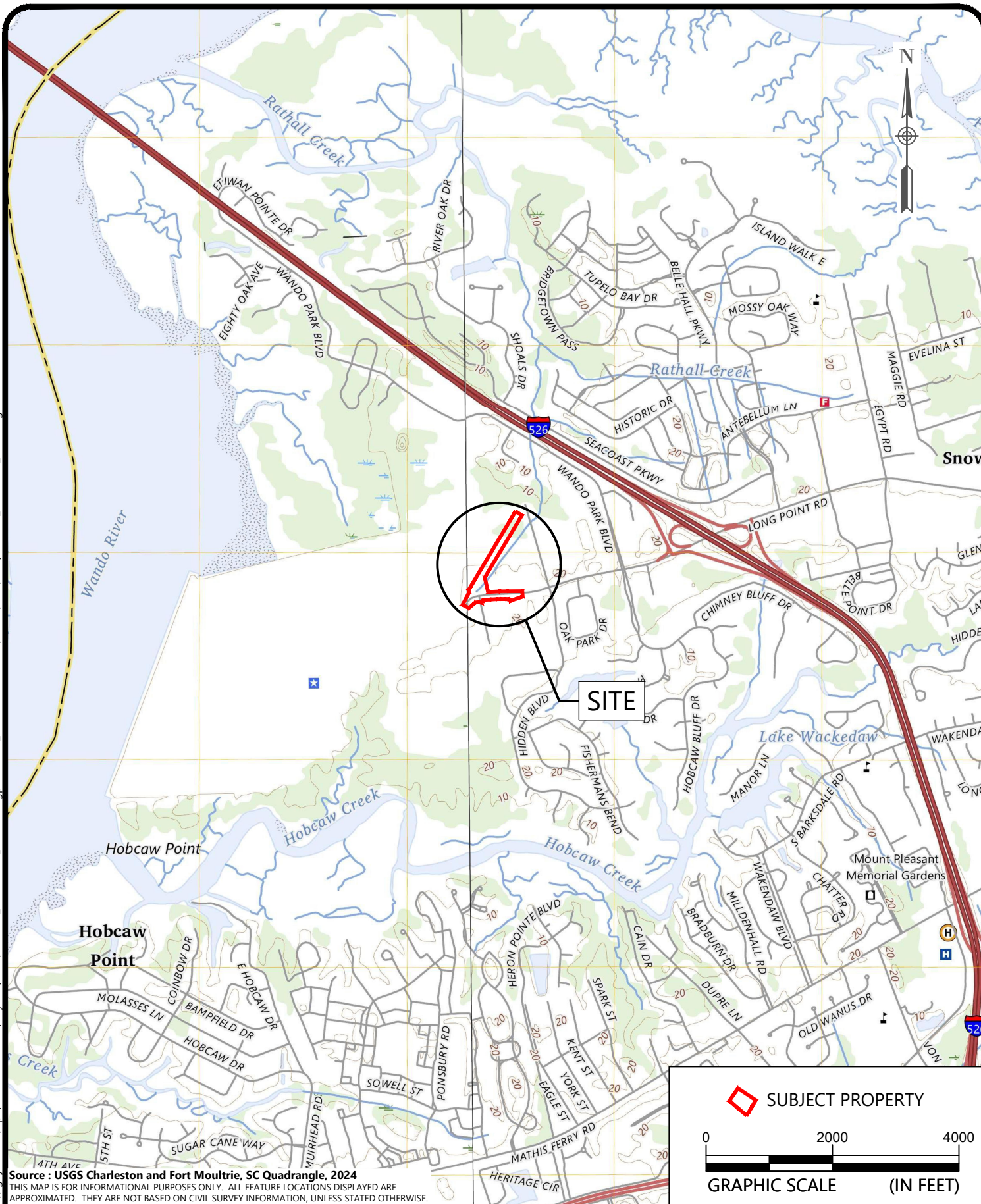
## **Appendix I – Figures**

**Figure 1: Site Location Map**

**Figure 2: Sample Locations**



\\EgnyreDrive\Ops\Charleston-1130\Projects\2020\200424A CDM Smith\_I-526E Longpoint Road Mount Pleasant SC\4 GEO\CAD\ENR\200424A\_Phase 120\_Rev2.dwg



## SITE LOCATION MAP

I-526 LONG POINT ROAD  
MOUNT PLEASANT, SOUTH CAROLINA

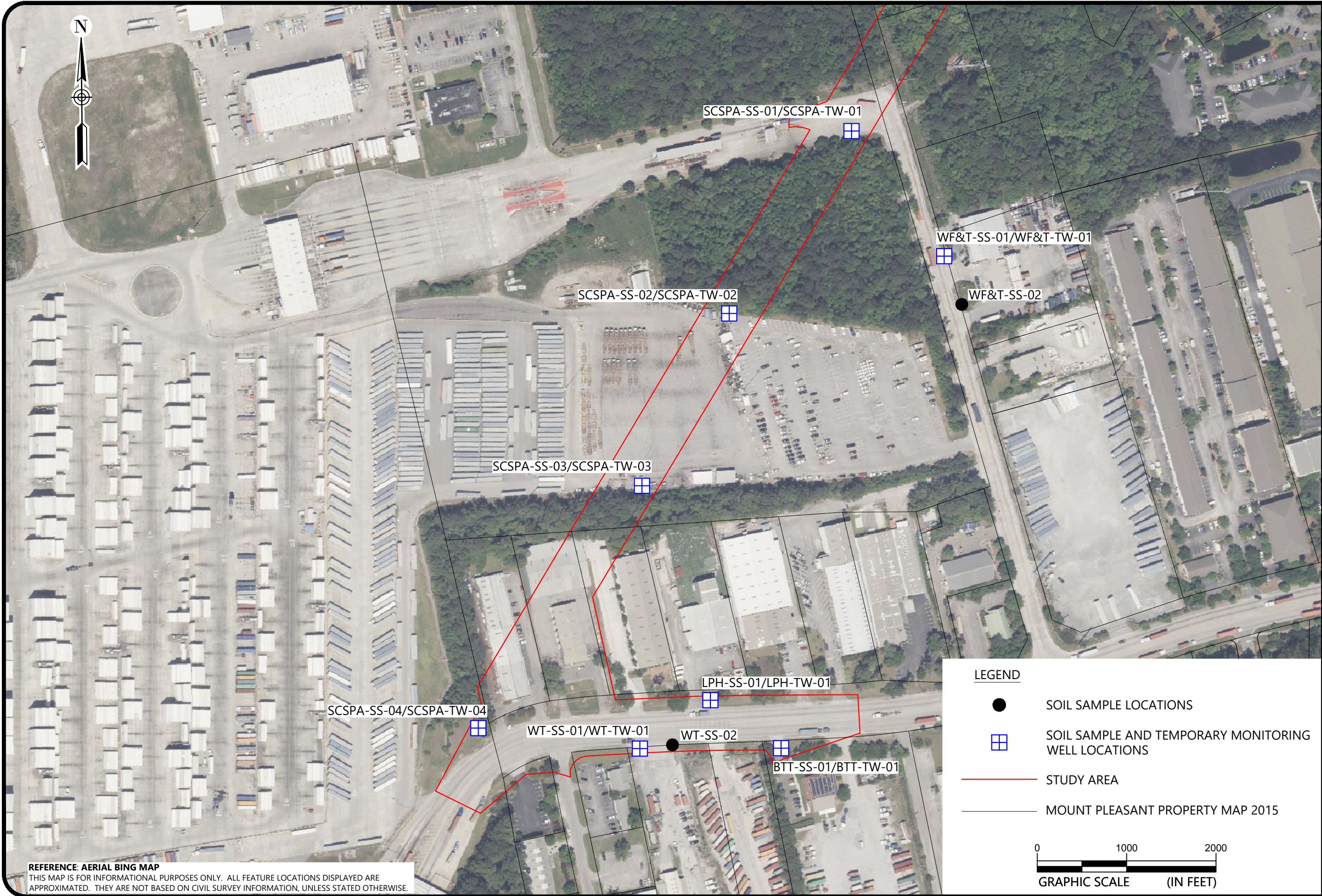
SCALE:  
AS SHOWN  
DATE:  
9/24/2025  
PROJECT NUMBER  
200424A

FIGURE NO.

1



\\EgnyteDrive\Ops\Charleston-1130\Projects\2020\200424A\_CDM Smith\_I-526E Longpoint Road\_Mount Pleasant SC\4 GEO\CAD\ENV\200424A\_Phase 120\_Rev2.dwg



## SAMPLING LOCATIONS

I-526 LONG POINT ROAD  
MOUNT PLEASANT, SOUTH CAROLINA

SCALE:

AS SHOWN

DATE:

9/24/2025

PROJECT NUMBER

200424A

FIGURE NO.

2



## **Appendix II – Additional Tables**

**Table II-1: Summary of Soil Field Screening Results**

**Table II-2: Summary of Soil Sample Laboratory Analytical Data - VOCs**

**Table II-3: Summary of Soil Sample Laboratory Analytical Data – PAHs**

**Table II-4: Summary of Groundwater Sample Laboratory Analytical Data - VOCs**

**Table II-5: Summary of Groundwater Sample Laboratory Analytical Data – PAHs**

**Table II-1**  
**Summary of Soil Field Screening Results**  
**Long Point Road**  
**S&ME Project No. 200424A**

Site	Soil Boring ID	Interval (in feet below ground surface)	FID <sup>a</sup> Reading (in parts per million)	Notes
Bridge Terminal Transport	BTT-SS-01	0-1	0.8	
		1-2	0.9	
		2-3	1.0	
		3-4	1.0*	
		4-5	1.1	
Wando Trucking	WT-SS-01	0-1	1.1	
		1-2	1.1	
		2-3	1.1	
		3-4	1.3*	
		4-5	1.3	
Wando Trucking	WT-SS-02	0-1	0.9	
		1-2	1.0*	
		2-3	1.1	
		3-4	1.1	
		4-5	1.1	
Wando Fuel & Truck	WF&T-SS-01	0-1	-	FID malfunction; sample collected above groundwater table.
		1-2	-	
		2-3	-.*	
		3-4	-	
		4-5	-	
Wando Fuel & Truck	WF&T-SS-02	0-1	1.7	
		1-2	1.8	
		2-3	1.9*	
		3-4	1.8	
		4-5	1.8	
Long Point Holdings	LPH-SS-01	0-1	7.6*	
		1-2	1.4	
		2-3	1.2	
		3-4	1.2	
		4-5	1.2	
SC State Ports Authority	SCSPA-SS-01	0-1	0.5	
		1-2	0.5	
		2-3	0.6	
		3-4	0.5	
		4-5	0.7	
		5-6	0.7*	
		6-7	0.5	
SC State Ports Authority	SCSPA-SS-02	0-1	2.5	Sample interval based on black staining observed approximately 4.5 ft bgs.
		1-2	2.5	
		2-3	2.3	
		3-4	2.5	
		4-5	2.1*	
		5-6	1.3	

**Table 1**  
**Summary of Soil Field Screening Results**  
**Long Point Road**  
**S&ME Project No. 200424A**

Site	Soil Boring ID	Interval (in feet below ground surface)	FID <sup>a</sup> Reading (in parts per million)	Notes
SC State Ports Authority	SCSPA-SS-03	0-1	0.2	
		1-2	0.8	
		2-3	1.1*	
		3-4	1.1	
		4-5	2.7	
SC State Ports Authority	SCSPA-SS-04	0-1	0.9	
		1-2	0.7	
		2-3	0.6	
		3-4	0.8	
		4-5	0.9*	
		5-6	0.6	

Notes:

Soil samples field screened on August 4-5, 2025.

a. Flame Ionization Detector

b. ND: Non-Detect

\* denotes sample interval submitted for laboratory analysis.

Table IV-2  
Soil Sample Analytical Data - VOCs  
CDM Smith I-526 Long Point Road, Mount Pleasant, SC  
S&ME Project No. 200424A

Analyte	CAS Number	Soil Screening Levels						Soil Sample Results from 08/04/2025											
		Residential		Industrial		Migration-to-Groundwater		Bridge Terminal Transport		Wando Trucking				Wando Freight & Trucking				Long Poing Holdings	
		R-SSL <sup>a</sup>	R-SRBSL <sup>b</sup>	I-SSL <sup>c</sup>	I-SRBSL <sup>d</sup>	GW-SSL <sup>e</sup>	GW-SRBSL <sup>f</sup>	BTT-SS-01		WT-SS-01		WT-SS-02		WF&T-SS-01		WF&T-SS-02		LPH-SS-01	
								Result	MDL	Result	MDL <sup>g</sup>	Result	MDL	Result	MDL	Result	MDL	Result	MDL
Acetone	67-64-1	70000	NL <sup>h</sup>	1100000	NL	NL	NL	ND	0.117	ND <sup>j</sup>	0.117	ND	0.100	ND	0.116	<b>0.130</b> <sup>j</sup>	0.105	ND	0.129
Benzene	71-43-2	1.2	13	5.1	59	0.0026	0.007	ND	0.00119	ND	0.00120	ND	0.00102	ND	0.00118	ND	0.00107	ND	0.00131
Bromobenzene	108-86-1	290	NL	1800	NL	NL	NL	ND	0.00655	ND	0.00656	ND	0.00561	ND	0.00646	ND	0.00585	ND	0.00719
Bromodichloromethane	75-27-4	0.29	NL	1.3	NL	0.022	NL	ND	0.00197	ND	0.00197	ND	0.00168	ND	0.00194	ND	0.00176	ND	0.00216
Bromoform	75-25-2	19	NL	86	NL	0.021	NL	ND	0.0167	ND	0.0167	ND	0.0143	ND	0.0164	ND	0.0149	ND	0.0183
Bromomethane	74-83-9	6.8	NL	30	NL	NL	NL	ND	0.0170	ND	0.0170	ND	0.0145	ND	0.0167	ND	0.0152	ND	0.0186
Carbon disulfide	75-15-0	770	NL	3500	NL	NL	NL	ND	0.00896	ND	0.00897	ND	0.00766	ND	0.00883	ND	0.00800	ND	0.00983
Carbon tetrachloride	56-23-5	0.65	NL	2.9	NL	0.0019	NL	ND	0.00506	ND	0.00506	ND	0.00433	ND	0.00499	ND	0.00452	ND	0.00555
Chlorobenzene	108-90-7	280	NL	1300	NL	0.068	NL	ND	0.00144	ND	0.00144	ND	0.00123	ND	0.00142	ND	0.00129	ND	0.00158
Chlorodibromomethane	124-48-1	8.3	NL	39	NL	0.021	NL	ND	0.00271	ND	0.00271	ND	0.00231	ND	0.00267	ND	0.00242	ND	0.00297
Chloroethane	75-00-3	5400	NL	23000	NL	NL	NL	ND	0.00956	ND	0.00957	ND	0.00818	ND	0.00943	ND	0.00854	ND	0.0105
Chloroform	67-66-3	0.32	NL	1.4	NL	0.022	NL	ND	0.00272	ND	0.00273	ND	0.00233	ND	0.00269	ND	0.00243	ND	0.00299
Chloromethane	74-87-3	110	NL	460	NL	NL	NL	ND	0.0143	ND	0.0143	ND	0.0122	ND	0.0141	ND	0.0128	ND	0.0157
1,2-Dibromo-3-Chloropropane	96-12-8	0.0053	NL	0.064	NL	0.000086	NL	ND	0.0180	ND	0.0180	ND	0.0154	ND	0.0177	ND	0.0161	ND	0.0197
1,2-Dibromoethane	106-93-4	0.036	0.35	0.16	1.6	0.000014	NL	ND	0.00212	ND	0.00212	ND	0.00181	ND	0.00210	ND	0.00189	ND	0.00232
1,2-Dichlorobenzene	95-50-1	1800	NL	9300	NL	0.58	NL	ND	0.00262	ND	0.00262	ND	0.00224	ND	0.00258	ND	0.00234	ND	0.00288
1,3-Dichlorobenzene	541-73-1	NL	NL	NL	NL	NL	NL	ND	0.00277	ND	0.00278	ND	0.00237	ND	0.00274	ND	0.00248	ND	0.00304
1,4-Dichlorobenzene	106-46-7	2.6	NL	11	NL	0.072	NL	ND	0.00294	ND	0.00294	ND	0.00252	ND	0.00291	ND	0.00263	ND	0.00323
1,1-Dichloroethane	75-34-3	3.6	NL	16	NL	NL	NL	ND	0.00170	ND	0.00170	ND	0.00145	ND	0.00167	ND	0.00152	ND	0.00186
1,2-Dichloroethane	107-06-2	0.46	7.6	2	36	0.0014	NL	ND	0.00245	ND	0.00246	ND	0.00210	ND	0.00242	ND	0.00219	ND	0.00269
1,1-Dichloroethene	75-35-4	4.8	NL	20	NL	0.0025	NL	ND	0.00257	ND	0.00257	ND	0.00220	ND	0.00253	ND	0.00230	ND	0.00282
cis-1,2-Dichloroethene	156-59-2	63	NL	370	NL	0.021	NL	ND	0.00217	ND	0.00217	ND	0.00185	ND	0.00214	ND	0.00194	ND	0.00238
trans-1,2-Dichloroethene	156-60-5	70	NL	300	NL	0.031	NL	ND	0.00175	ND	0.00175	ND	0.00150	ND	0.00172	ND	0.00156	ND	0.00192
1,2-Dichloropropane	78-87-5	2.5	NL	11	NL	0.0017	NL	ND	0.00323	ND	0.00323	ND	0.00276	ND	0.00319	ND	0.00288	ND	0.00354
cis-1,3-Dichloropropene	10061-01-5	NL	NL	NL	NL	NL	NL	ND	0.00176	ND	0.00177	ND	0.00151	ND	0.00174	ND	0.00158	ND	0.00194
trans-1,3-Dichloropropene	10061-02-6	NL	NL	NL	NL	NL	NL	ND	0.00176	ND	0.00177	ND	0.00151	ND	0.00174	ND	0.00158	ND	0.00194
Di-isopropyl ether	108-20-3	2200	NL	9400	NL	NL	NL	ND	0.00129	ND	0.00129	ND	0.00111	ND	0.00127	ND	0.00115	ND	0.00142
Ethylbenzene	100-41-4	5.8	63	25	300	0.78	1.15	ND	0.00166	ND	0.00166	ND	0.00142	ND	0.00164	ND	0.00148	ND	0.00182
2-Butanone (MEK)	78-93-3	27000	NL	190000	NL	NL	NL	ND	0.149	ND	0.149	ND	0.128	ND	0.147	ND	0.133	ND	0.164
2-Hexanone	591-78-6	200	NL	1300	NL	NL	NL	ND	0.0271	ND	0.0271	ND	0.0231	ND	0.0267	ND	0.0242	ND	0.0297
Methylene Chloride	75-09-2	57	NL	1000	NL	0.0013	NL	ND	0.0185	ND	0.0185	ND	0.0158	ND	0.0183	ND	0.0165	ND	0.0203
4-Methyl-2-pentanone (MIBK)	108-10-1	33000	NL	140000	NL	NL	NL	ND	0.0167	ND	0.0167	ND	0.0143	ND	0.0164	ND	0.0149	ND	0.0183
Methyl tert-butyl ether	1634-04-4	47	390	210	1800	NL	NL	ND	0.00130	ND	0.00130	ND	0.00111	ND	0.00128	ND	0.00116	ND	0.00143
Naphthalene	91-20-3	2	1600	8.6	23000	NL	0.036	ND	0.0128	ND	0.0128	ND	0.0110	ND	0.0126	ND	0.0115	ND	0.0141
Styrene	100-42-5	6000	NL	35000	NL	0.11	NL	ND	0.00748	ND	0.00749	ND	0.00640	ND	0.00738	ND	0.00668	ND	0.00821
1,1,2,2-Tetrachloroethane	79-34-5	0.6	NL	2.7	NL	NL	NL	ND	0.00195	ND	0.00195	ND	0.00167	ND	0.00192	ND	0.00174	ND	0.00214
Tetrachloroethene	127-18-4	24	NL	100	NL	0.0023	NL	ND	0.00255	ND	0.00256	ND	0.00219	ND	0.00252	ND	0.00228	ND	0.00280
Toluene	108-88-3	4900	6300	47000	93000	0.69	1.45	ND	0.00486	ND	0.00486	ND	0.00415	ND	0.00478	ND	0.00434	ND	0.00533
1,1,1-Trichloroethane	71-55-6	8100	NL	36000	NL	0.07	NL	ND	0.00244	ND	0.00244	ND	0.00208	ND	0.00241	ND	0.00218	ND	0.00267
1,1,2-Trichloroethane	79-00-5	1.1	NL	5	NL	0.0016	NL	ND	0.00225	ND	0.00225	ND	0.00193	ND	0.00222	ND	0.00201	ND	0.00247
Trichloroethene	79-01-6	0.94	NL	6	NL	0.0018	NL	ND	0.00150	ND	0.00150	ND	0.00128	ND	0.00148	ND	0.00134	ND	0.00164
1,1,2-Trichlorotrifluoroethane	76-13-1	6700	NL	28000	NL	NL	NL	ND	0.00472	ND	0.00473	ND	0.00404	ND	0.00466	ND	0.00422	ND	0.00518
1,2,3-Trimethylbenzene	526-73-8	340	NL	2000	NL	NL	NL	ND	0.00306	ND	0.00306	ND	0.00262	ND	0.00302	ND	0.00273	ND	0.00336
Vinyl chloride	75-01-4	0.059	NL	1.7	NL	0.00069	NL	ND	0.00338	ND	0.00338	ND	0.00289	ND	0.00333	ND	0.00302	ND	0.00371
Xylenes, Total	1330-20-7	580	16000	2500	230000	9.9	14.5	ND	0.00470	ND	0.00471	ND	0.00403	ND	0.00464	ND	0.00420	ND	0.00516

Notes:

Soil samples were collected and analyzed for VOCs by SW-846 Method 8260D. Results are in milligrams per kilogram (mg/kg).

a. R-SSL = Residential Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the United States Environmental Protection Agency (USEPA) Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024].

b. R-SRBSL = Residential Risk Based Screening Level for ingestion or dermal contact with surficial soil from Table D6 of the South Carolina Department of Environmental Services (SCDES) Quality Assurance Program Plan (QAPP) for the UST Management Division, Rev. 4.0.

c. I-SSL = Industrial Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the SL Table dated November 2024].

d. I-SRBSL = Industrial RBSLs for ingestion or dermal contact with surficial soil from Table D6 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

e. GW-SSL = Soil Screening Level for the protection of groundwater based on the maximum contaminant level (MCL) for drinking water and a dilution attenuation factor of 1 from the SL Table dated November 2024.

f. GW-SRBSL = RBSL for sandy soil for the protection of groundwater based on groundwater RBSLs from Table D3 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

g. Laboratory Method Detection Limit (MDL).

h. "NL" indicates specific screening value is not listed in the SL Table dated November 2024 or the QAPP.

i. "ND" indicates the analyte was not detected at a concentration greater than the MDL.

j. "J" qualifier indicates the identification of the analyte is acceptable; the reported value is an estimate.

k. "J3" qualifier indicates the associated batch QC was outside the established quality control range for precision.

l. Bold text indicates the analyte was detected at a concentration greater than the MDL.

### Gray highlight indicates the analyte was not detected, but the MDL was greater than one or more applicable screening levels.

Table IV-2  
Soil Sample Analytical Data - VOCs  
CDM Smith I-526 Long Point Road, Mount Pleasant, SC  
S&ME Project No. 200424A

Analyte	CAS Number	Soil Screening Levels						Soil Sample Results from 08/05/2025											
								South Carolina State Ports Authority											
		Residential		Industrial		Migration-to-Groundwater		SCSPA-SS-01		SCSPA-SS-02		SCSPA-SS-03		SCSPA-SS-04					
		R-SSL <sup>a</sup>	R-SRBSL <sup>b</sup>	I-SSL <sup>c</sup>	I-SRBSL <sup>d</sup>	GW-SSL <sup>e</sup>	GW-SRBSL <sup>f</sup>	Result	MDL	Result	MDL	Result	MDL	Result	MDL				
Acetone	67-64-1	70000	NL <sup>h</sup>	1100000	NL	NL	NL	ND	J3 <sup>k</sup>	0.0826	ND	J3	0.0949	ND	J3	0.0886	ND	J3	0.0796
Benzene	71-43-2	1.2	13	5.1	59	0.0026	0.007	ND		0.000842	ND		0.000968	ND	J3	0.000903	ND		0.000811
Bromobenzene	108-86-1	290	NL	1800	NL	NL	NL	ND		0.00461	ND		0.00531	ND	J3	0.00496	ND		0.00445
Bromodichloromethane	75-27-4	0.29	NL	1.3	NL	0.022	NL	ND		0.00138	ND		0.00159	ND	J3	0.00149	ND		0.00133
Bromoform	75-25-2	19	NL	86	NL	0.021	NL	ND		0.0117	ND		0.0135	ND	J3	0.0126	ND		0.0113
Bromomethane	74-83-9	6.8	NL	30	NL	NL	NL	ND		0.0120	ND		0.0137	ND	J3	0.0128	ND		0.0115
Carbon disulfide	75-15-0	770	NL	3500	NL	NL	NL	ND		0.00631	ND		0.00726	ND	J3	0.00677	ND		0.00609
Carbon tetrachloride	56-23-5	0.65	NL	2.9	NL	0.0019	NL	ND		0.00356	ND		0.00409	ND	J3	0.00382	ND		0.00343
Chlorobenzene	108-90-7	280	NL	1300	NL	0.068	NL	ND		0.00102	ND		0.00117	ND	J3	0.00109	ND		0.000979
Chlorodibromomethane	124-48-1	8.3	NL	39	NL	0.021	NL	ND		0.00190	ND		0.00220	ND	J3	0.00205	ND		0.00183
Chloroethane	75-00-3	5400	NL	23000	NL	NL	NL	ND		0.00674	ND		0.00775	ND	J3	0.00723	ND		0.00649
Chloroform	67-66-3	0.32	NL	1.4	NL	0.022	NL	ND		0.00191	ND		0.00221	ND	J3	0.00206	ND		0.00185
Chloromethane	74-87-3	110	NL	460	NL	NL	NL	ND		0.0101	ND		0.0116	ND	J3	0.0108	ND		0.00970
1,2-Dibromo-3-Chloropropane	96-12-8	0.0053	NL	0.064	NL	0.000086	NL	ND		0.0126	ND		0.0146	ND	J3	0.0136	ND		0.0122
1,2-Dibromoethane	106-93-4	0.036	0.35	0.16	1.6	0.000014	NL	ND		0.00149	ND		0.00172	ND	J3	0.00160	ND		0.00144
1,2-Dichlorobenzene	95-50-1	1800	NL	9300	NL	0.58	NL	ND		0.00185	ND		0.00213	ND	J3	0.00198	ND		0.00178
1,3-Dichlorobenzene	541-73-1	NL	NL	NL	NL	NL	NL	ND		0.00196	ND		0.00224	ND	J3	0.00210	ND		0.00188
1,4-Dichlorobenzene	106-46-7	2.6	NL	11	NL	0.072	NL	ND		0.00207	ND		0.00239	ND	J3	0.00222	ND		0.00200
1,1-Dichloroethane	75-34-3	3.6	NL	16	NL	NL	NL	ND		0.00120	ND		0.00137	ND	J3	0.00128	ND		0.00115
1,2-Dichloroethane	107-06-2	0.46	7.6	2	36	0.0014	NL	ND		0.00173	ND		0.00198	ND	J3	0.00186	ND		0.00167
1,1-Dichloroethene	75-35-4	4.8	NL	20	NL	0.0025	NL	ND		0.00181	ND		0.00208	ND	J3	0.00194	ND		0.00175
cis-1,2-Dichloroethene	156-59-2	63	NL	370	NL	0.021	NL	ND		0.00153	ND		0.00175	ND	J3	0.00164	ND		0.00148
trans-1,2-Dichloroethene	156-60-5	70	NL	300	NL	0.031	NL	ND		0.00123	ND		0.00142	ND	J3	0.00132	ND		0.00119
1,2-Dichloropropane	78-87-5	2.5	NL	11	NL	0.0017	NL	ND		0.00227	ND		0.00261	ND	J3	0.00244	ND		0.00219
cis-1,3-Dichloropropene	10061-01-5	NL	NL	NL	NL	NL	NL	ND		0.00124	ND		0.00143	ND	J3	0.00133	ND		0.00120
trans-1,3-Dichloropropene	10061-02-6	NL	NL	NL	NL	NL	NL	ND		0.00124	ND		0.00143	ND	J3	0.00133	ND		0.00120
Di-isopropyl ether	108-20-3	2200	NL	9400	NL	NL	NL	ND		0.000911	ND		0.00105	ND	J3	0.000977	ND		0.000877
Ethylbenzene	100-41-4	5.8	63	25	300	0.78	1.15	ND		0.00117	ND		0.00135	0.00151	J J3	0.00125	ND		0.00113
2-Butanone (MEK)	78-93-3	27000	NL	190000	NL	NL	NL	ND		0.105	ND		0.121	ND	J3	0.113	ND		0.101
2-Hexanone	591-78-6	200	NL	1300	NL	NL	NL	ND		0.0190	ND		0.0220	ND	J3	0.0205	ND		0.0183
Methylene Chloride	75-09-2	57	NL	1000	NL	0.0013	NL	ND		0.0131	ND		0.0149	ND	J3	0.0140	ND		0.0125
4-Methyl-2-pentanone (MIBK)	108-10-1	33000	NL	140000	NL	NL	NL	ND		0.0117	ND		0.0135	ND	J3	0.0126	ND		0.0113
Methyl tert-butyl ether	1634-04-4	47	390	210	1800	NL	NL	ND		0.000915	ND		0.00105	ND	J3	0.000982	ND		0.000882
Naphthalene	91-20-3	2	1600	8.6	23000	NL	0.036	ND		0.00903	ND		0.0104	ND	J3	0.00970	ND		0.00870
Styrene	100-42-5	6000	NL	35000	NL	0.11	NL	ND		0.00527	ND		0.00605	ND	J3	0.00565	ND		0.00508
1,1,2,2-Tetrachloroethane	79-34-5	0.6	NL	2.7	NL	NL	NL	ND		0.00137	ND		0.00158	ND	J3	0.00147	ND		0.00132
Tetrachloroethene	127-18-4	24	NL	100	NL	0.0023	NL	ND		0.00180	ND		0.00207	ND	J3	0.00193	ND		0.00173
Toluene	108-88-3	4900	6300	47000	93000	0.69	1.45	ND		0.00342	ND		0.00393	ND	J3	0.00367	ND		0.00330
1,1,1-Trichloroethane	71-55-6	8100	NL	36000	NL	0.07	NL	ND		0.00172	ND		0.00197	ND	J3	0.00184	ND		0.00166
1,1,2-Trichloroethane	79-00-5	1.1	NL	5	NL	0.0016	NL	ND		0.00158	ND		0.00183	ND	J3	0.00170	ND		0.00153
Trichloroethene	79-01-6	0.94	NL	6	NL	0.0018	NL	ND		0.00105	ND		0.00122	ND	J3	0.00113	ND		0.00102
1,1,2-Trichlorotrifluoroethane	76-13-1	6700	NL	28000	NL	NL	NL	ND		0.00333	ND		0.00382	ND	J3	0.00357	ND		0.00321
1,2,3-Trimethylbenzene	526-73-8	340	NL	2000	NL	NL	NL	ND		0.00216	ND		0.00247	ND	J3	0.00231	ND		0.00208
Vinyl chloride	75-01-4	0.059	NL	1.7	NL	0.00069	NL	ND		0.00238	ND		0.00273	ND	J3	0.00255	ND		0.00229
Xylenes, Total	1330-20-7	580	16000	2500	230000	9.9	14.5	ND		0.00332	ND		0.00381	ND	J3	0.00356	ND		0.00320

Notes:

Soil samples were collected and analyzed for VOCs by SW-846 Method 8260D. Results are in milligrams per kilogram (mg/kg).

a. R-SSL = Residential Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the United States Environmental Protection Agency (USEPA) Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024].

b. R-SRBSL = Residential Risk Based Screening Level for ingestion or dermal contact with surficial soil from Table D6 of the South Carolina Department of Environmental Services (SCDES) Quality Assurance Program Plan (QAPP) for the UST Management Division, Rev. 4.0.

c. I-SSL = Industrial Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the SL Table dated November 2024].

d. I-SRBSL = Industrial RBSLs for ingestion or dermal contact with surficial soil from Table D6 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

e. GW-SSL = Soil Screening Level for the protection of groundwater based on the maximum contaminant level (MCL) for drinking water and a dilution attenuation factor of 1 from the SL Table dated November 2024.

f. GW-SRBSL = RBSL for sandy soil for the protection of groundwater based on groundwater RBSLs from Table D3 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

g. Laboratory Method Detection Limit (MDL).

h. "NL" indicates specific screening value is not listed in the SL Table dated November 2024 or the QAPP.

i. "ND" indicates the analyte was not detected at a concentration greater than the MDL.

j. "J" qualifier indicates the identification of the analyte is acceptable; the reported value is an estimate.

k. "J3" qualifier indicates the associated batch QC was outside the established quality control range for precision.

l. Bold text indicates the analyte was detected at a concentration greater than the MDL.

### Gray highlight indicates the analyte was not detected, but the MDL was greater than one or more applicable screening levels.

Table IV-3

Soil Sample Analytical Data - SVOCs  
CDM Smith I-526 Long Point Road, Mount Pleasant, SC  
S&ME Project No. 200424A

Analyte	CAS Number	Soil Screening Levels						Soil Sample Results from 08/04/2025																	
								Bridge Terminal Transport			Wando Trucking				Wando Freight & Trucking				Long Poing Holdings						
		Residential		Industrial		Migration-to-Groundwater		BTT-SS-01			WT-SS-01		WT-SS-02		WF&T-SS-01		WF&T-SS-02		LPH-SS-01						
		R-SSL <sup>a</sup>	R-SRBSL <sup>b</sup>	I-SSL <sup>c</sup>	I-SRBSL <sup>d</sup>	GW-SSL <sup>e</sup>	GW-SRBSL <sup>f</sup>	Result	MDL	Result	MDL <sup>g</sup>	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL				
Anthracene	120-12-7	18000	NL <sup>h</sup>	230000	NL	NL	NL	ND		0.00218	ND <sup>i</sup>		0.00219	ND		0.00198	ND		0.00210	ND		0.00201	ND		0.00231
Acenaphthene	83-32-9	3600	NL	45000	NL	NL	NL	ND		0.00217	ND		0.00217	ND		0.00197	ND		0.00209	ND		0.00199	ND		0.00229
Acenaphthylene	208-96-8	NL	NL	NL	NL	NL	NL	ND		0.00213	ND		0.00213	ND		0.00193	ND		0.00205	ND		0.00196	ND		0.00225
Benzo(a)anthracene	56-55-3	1.1	0.21	21	4.5	NL	0.066	ND		0.00268	ND		0.00268	ND		0.00243	ND		0.00258	ND		0.00246	ND		0.00283
Benzo(a)pyrene	50-32-8	0.11	NL	2.1	NL	0.24	NL	ND		0.00218	ND		0.00219	0.00209 <sup>k</sup>	J <sup>j</sup>	0.00198	ND		0.00210	ND		0.00201	0.00312	J	0.00231
Benzo(b)fluoranthene	205-99-2	1.1	0.21	21	4.5	NL	0.066	ND		0.00368	ND		0.00369	ND		0.00334	ND		0.00355	ND		0.00338	0.00695	J	0.00390
Benzo(g,h,i)perylene	191-24-2	NL	NL	NL	NL	NL	NL	ND		0.00258	ND		0.00259	ND		0.00234	ND		0.00249	ND		0.00238	0.00588	J	0.00273
Benzo(k)fluoranthene	207-08-9	11	2.1	210	45	NL	0.066	ND		0.00285	ND		0.00286	ND		0.00259	ND		0.00275	ND		0.00262	ND		0.00302
Chrysene	218-01-9	110	21	2100	450	NL	0.066	ND		0.00276	ND		0.00276	ND		0.00250	ND		0.00266	ND		0.00254	0.00388	J	0.00292
Dibenz(a,h)anthracene	53-70-3	0.11	0.021	2.1	0.45	NL	0.066	ND		0.00269	ND		0.00269	ND		0.00244	ND		0.00259	ND		0.00247	ND		0.00285
Fluoranthene	206-44-0	2400	NL	30000	NL	NL	NL	ND		0.00320	ND		0.00320	0.00357	J	0.00290	ND		0.00308	ND		0.00294	0.00656	J	0.00339
Fluorene	86-73-7	2400	NL	30000	NL	NL	NL	ND		0.00241	ND		0.00241	ND		0.00219	ND		0.00232	ND		0.00222	ND		0.00255
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	NL	21	NL	NL	NL	ND		0.00313	ND		0.00314	ND		0.00284	ND		0.00302	ND		0.00288	0.00363	J	0.00331
Naphthalene	91-20-3	2	1600	8.6	23000	NL	0.036	ND		0.00775	ND		0.00776	ND		0.00703	0.00996	J	0.00747	ND		0.00713	ND		0.00820
Phenanthrene	85-01-8	NL	NL	NL	NL	NL	NL	ND		0.00408	ND		0.00409	ND		0.00370	ND		0.00394	ND		0.00375	ND		0.00432
Pyrene	129-00-0	1800	NL	23000	NL	NL	NL	ND		0.00274	ND		0.00275	0.00294	J	0.00249	ND		0.00265	ND		0.00252	0.00636	J	0.00290
1-Methylnaphthalene	90-12-0	0.18	NL	0.77	NL	NL	NL	0.00497	J	0.00293	ND		0.00294	0.00270	J	0.00266	0.0115	J	0.00283	ND		0.00270	ND		0.00310
2-Methylnaphthalene	91-57-6	240	NL	3000	NL	NL	NL	0.0115	J	0.00764	ND		0.00766	0.00865	J	0.00693	0.0315		0.00737	ND		0.00703	ND		0.00809
2-Chloronaphthalene	91-58-7	4800	NL	60000	NL	NL	NL	ND		0.00173	ND		0.00173	ND		0.00157	ND		0.00166	ND		0.00159	ND		0.00183
Dibenzofuran	132-64-9	78	NL	1200	NL	NL	NL	ND		0.00211	ND		0.00212	ND		0.00192	ND		0.00204	ND		0.00194	ND		0.00224

Notes:

Soil samples were collected and analyzed for Polynuclear Aromatic Hydrocarbons (PAHs) by SW-846 Method 8270E-SIM. Results are in milligrams per kilogram (mg/kg).

a. R-SSL = Residential Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the United States Environmental Protection Agency (USEPA) Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024].

b. R-SRBSL = Residential Risk Based Screening Level for ingestion or dermal contact with surficial soil from Table D6 of the South Carolina Department of Environmental Services (SCDES) Quality Assurance Program Plan (QAPP) for the UST Management Division, Rev 4.0.

c. I-SSL = Industrial Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the SL Table dated November 2024].

d. I-SRBSL = Industrial RBSLs for ingestion or dermal contact with surficial soil from Table D6 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

e. GW-SSL = Soil Screening Level for the protection of groundwater based on the maximum contaminant level (MCL) for drinking water and a dilution attenuation factor of 1 from the SL Table dated November 2024.

f. GW-SRBSL = RBSL for sandy soil for the protection of groundwater based on groundwater RBSLs from Table D3 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

g. Laboratory Method Detection Limit (MDL).

h. "NL" indicates specific screening value is not listed in the SL Table dated November 2024 or the QAPP.

i. "ND" indicates the analyte was not detected at a concentration greater than the MDL.

j. "J" qualifier indicates the identification of the analyte is acceptable; the reported value is an estimate.

k. Bold text indicates the analyte was detected at a concentration greater than the MDL.

Table IV-3  
Soil Sample Analytical Data - SVOCs  
CDM Smith I-526 Long Point Road, Mount Pleasant, SC  
S&ME Project No. 200424A

Analyte	CAS Number	Soil Screening Levels						Soil Sample Results from 08/05/2025									
								South Carolina State Ports Authority									
		Residential		Industrial		Migration-to-Groundwater		SCSPA-SS-01		SCSPA-SS-02		SCSPA-SS-03		SCSPA-SS-04			
		R-SSL <sup>a</sup>	R-SRBSL <sup>b</sup>	I-SSL <sup>c</sup>	I-SRBSL <sup>d</sup>	GW-SSL <sup>e</sup>	GW-SRBSL <sup>f</sup>	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL
Anthracene	120-12-7	18000	NL <sup>h</sup>	230000	NL	NL	NL	ND	0.00172	ND	0.00180	ND	0.00184	ND	0.00173		
Acenaphthene	83-32-9	3600	NL	45000	NL	NL	NL	ND	0.00171	ND	0.00179	ND	0.00183	ND	0.00172		
Acenaphthylene	208-96-8	NL	NL	NL	NL	NL	NL	ND	0.00168	ND	0.00175	ND	0.00179	ND	0.00169		
Benzo(a)anthracene	56-55-3	1.1	0.21	21	4.5	NL	0.066	ND	0.00211	ND	0.00221	ND	0.00226	ND	0.00212		
<b>Benzo(a)pyrene</b>	50-32-8	0.11	NL	2.1	NL	0.24	NL	ND	0.00172	ND	0.00180	ND	0.00184	ND	0.00173		
<b>Benzo(b)fluoranthene</b>	205-99-2	1.1	0.21	21	4.5	NL	0.066	ND	0.00290	ND	0.00303	ND	0.00310	ND	0.00291		
<b>Benzo(g,h,i)perylene</b>	191-24-2	NL	NL	NL	NL	NL	NL	ND	0.00204	ND	0.00213	ND	0.00218	ND	0.00205		
Benzo(k)fluoranthene	207-08-9	11	2.1	210	45	NL	0.066	ND	0.00225	ND	0.00235	ND	0.00240	ND	0.00226		
<b>Chrysene</b>	218-01-9	110	21	2100	450	NL	0.066	ND	0.00217	ND	0.00227	ND	0.00232	ND	0.00218		
Dibenz(a,h)anthracene	53-70-3	0.11	0.021	2.1	0.45	NL	0.066	ND	0.00212	ND	0.00222	ND	0.00227	ND	0.00213		
<b>Fluoranthene</b>	206-44-0	2400	NL	30000	NL	NL	NL	ND	0.00252	ND	0.00264	ND	0.00270	ND	0.00253		
Fluorene	86-73-7	2400	NL	30000	NL	NL	NL	ND	0.00190	ND	0.00199	ND	0.00203	ND	0.00191		
<b>Indeno(1,2,3-cd)pyrene</b>	193-39-5	1.1	NL	21	NL	NL	NL	ND	0.00247	ND	0.00258	ND	0.00264	ND	0.00248		
<b>Naphthalene</b>	91-20-3	2	1600	8.6	23000	NL	0.036	ND	0.00611	ND	0.00639	ND	0.00653	ND	0.00614		
Phenanthrene	85-01-8	NL	NL	NL	NL	NL	NL	ND	0.00322	ND	0.00336	ND	0.00344	ND	0.00323		
<b>Pyrene</b>	129-00-0	1800	NL	23000	NL	NL	NL	ND	0.00216	ND	0.00226	ND	0.00231	ND	0.00217		
<b>1-Methylnaphthalene</b>	90-12-0	0.18	NL	0.77	NL	NL	NL	ND	0.00231	ND	0.00242	ND	0.00247	ND	0.00232		
<b>2-Methylnaphthalene</b>	91-57-6	240	NL	3000	NL	NL	NL	ND	0.00602	ND	0.00630	ND	0.00644	ND	0.00605		
2-Chloronaphthalene	91-58-7	4800	NL	60000	NL	NL	NL	ND	0.00136	ND	0.00142	ND	0.00146	ND	0.00137		
Dibenzofuran	132-64-9	78	NL	1200	NL	NL	NL	ND	0.00167	ND	0.00174	ND	0.00178	ND	0.00167		

Notes:

Soil samples were collected and analyzed for Polynuclear Aromatic Hydrocarbons (PAHs) by SW-846 Method 8270E-SIM. Results are in milligrams per kilogram (mg/kg).

a. R-SSL = Residential Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the United States Environmental Protection Agency (USEPA) Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024].

b. R-SRBSL = Residential Risk Based Screening Level for ingestion or dermal contact with surficial soil from Table D6 of the South Carolina Department of Environmental Services (SCDES) Quality Assurance Program Plan (QAPP) for the UST Management Division, Rev 4.0.

c. I-SSL = Industrial Screening Level for soil based on a target cancer risk of 1E-06 and a target hazard quotient of 1.0 [from the SL Table dated November 2024].

d. I-SRBSL = Industrial RBSLs for ingestion or dermal contact with surficial soil from Table D6 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

e. GW-SSL = Soil Screening Level for the protection of groundwater based on the maximum contaminant level (MCL) for drinking water and a dilution attenuation factor of 1 from the SL Table dated November 2024.

f. GW-SRBSL = RBSL for sandy soil for the protection of groundwater based on groundwater RBSLs from Table D3 of the SCDES QAPP for the UST Management Division, Rev. 4.0.

g. Laboratory Method Detection Limit (MDL).

h. "NL" indicates specific screening value is not listed in the SL Table dated November 2024 or the QAPP.

i. "ND" indicates the analyte was not detected at a concentration greater than the MDL.

j. "J" qualifier indicates the identification of the analyte is acceptable; the reported value is an estimate.

k. Bold text indicates the analyte was detected at a concentration greater than the MDL.



Table II-4  
Summary of Groundwater Sample Laboratory Analytical Data - VOCs  
I-526 Long Point Road, Mount Pleasant, SC  
S&ME Project No. 200424A

Analyte	CAS Number	Bridge Terminal Transport		Wando Trucking		Wando Freight & Trucking		Long Point Holdings		South Carolina State Ports Authority												Groundwater Screening Levels		
		BTT-TW-01		WT-TW-01		WF&T-TW-01		LPH-TW-01		SCSPA-TW-01		SCSPA-TW-02		SCSPA-TW-03		SCSPA-TW-04		MCL <sup>b</sup>	RBSL <sup>c</sup>	TWSL <sup>d</sup>				
		Result	MDL <sup>a</sup>	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL							
1,1,1-Trichloroethane	71-55-6	ND <sup>e</sup>	0.336	ND	0.336	ND	0.336	ND	0.336	ND	0.336	ND	0.336	ND	0.336	ND	0.336	ND	0.336	200	NL <sup>f</sup>	8000		
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.354	ND	0.354	ND	0.354	ND	0.354	ND	0.354	ND	0.354	ND	0.354	ND	0.354	ND	0.354	NL	NL	0.076		
1,1,2-Trichloroethane	79-00-5	ND	0.375	ND	0.375	ND	0.375	ND	0.375	ND	0.375	ND	0.375	ND	0.375	ND	0.375	ND	0.375	5	NL	0.28		
1,1,2-Trichlorotrifluoroethane	76-13-1	ND	0.643	ND	0.643	ND	0.643	ND	0.643	ND	0.643	ND	0.643	ND	0.643	ND	0.643	ND	0.643	NL	NL	10000		
1,1-Dichloroethane	75-34-3	ND	0.389	ND	0.389	ND	0.389	ND	0.389	ND	0.389	ND	0.389	ND	0.389	ND	0.389	ND	0.389	NL	NL	2.8		
1,1-Dichloroethene	75-35-4	ND	0.422	ND	0.422	ND	0.422	ND	0.422	ND	0.422	ND	0.422	ND	0.422	ND	0.422	ND	0.422	7	NL	8.2		
1,2,3-Trimethylbenzene	526-73-8	ND	0.339	ND	0.339	ND	0.339	ND	0.339	ND	0.339	ND	0.339	ND	0.339	ND	0.339	ND	0.339	NL	NL	55		
1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.0038	ND	0.00384	ND	0.0038	ND	0.0038	ND	0.00414	ND	0.0038	ND	0.0038	ND	0.00391	0.2	NL	0.00033				
Ethylene Dibromide	106-93-4	ND	0.0055	ND	0.00556	ND	0.0055	ND	0.0055	ND	0.006	ND	0.0055	ND	0.0055	ND	0.00567	0.05	0.05	0.0075				
1,2-Dichlorobenzene	95-50-1	ND	0.304	ND	0.304	ND	0.304	ND	0.304	ND	0.304	ND	0.304	ND	0.304	ND	0.304	600	NL	300				
1,2-Dichloroethane	107-06-2	ND	0.395	ND	0.395	ND	0.395	ND	0.395	ND	0.395	ND	0.395	ND	0.395	ND	0.395	5	5	0.17				
1,2-Dichloropropane	78-87-5	ND	0.427	ND	0.427	ND	0.427	ND	0.427	ND	0.427	ND	0.427	ND	0.427	ND	0.427	5	NL	0.85				
1,3-Dichlorobenzene	541-73-1	ND	0.282	ND	0.282	ND	0.282	ND	0.282	ND	0.282	ND	0.282	ND	0.282	ND	0.282	NL	NL	NL				
1,4-Dichlorobenzene	106-46-7	ND	0.277	ND	0.277	ND	0.277	ND	0.277	ND	0.277	ND	0.277	ND	0.277	ND	0.277	75	NL	0.48				
2-Butanone (MEK)	78-93-3	ND	9.000	ND	9.000	ND	9.000	ND	9.000	ND	9.000	ND	9.000	ND	9.000	ND	9.000	NL	NL	5600				
2-Hexanone	591-78-6	ND	5.80	ND	5.80	ND	5.80	ND	5.80	ND	5.80	ND	5.80	ND	5.80	ND	5.80	NL	NL	38				
4-Methyl-2-pentanone (MIBK)	108-10-1	ND	7.52	ND	7.52	ND	7.52	ND	7.52	ND	7.52	ND	7.52	ND	7.52	ND	7.52	NL	NL	6300				
Acetone	67-64-1	ND	46.9	ND	46.9	ND	46.9	ND	46.9	ND	46.9	ND	46.9	ND	46.9	ND	46.9	NL	NL	18000				
Benzene	71-43-2	ND	0.32	ND	0.32	ND	0.32	ND	0.32	ND	0.32	ND	0.32	ND	0.32	ND	0.32	5	5	0.46				
Bromodichloromethane	75-27-4	ND	0.371	ND	0.371	ND	0.371	ND	0.371	ND	0.371	ND	0.371	ND	0.371	ND	0.371	80	NL	0.13				
Bromoform	75-25-2	ND	0.548	ND	0.548	ND	0.548	ND	0.548	ND	0.548	ND	0.548	ND	0.548	ND	0.548	80	NL	3.3				
Bromomethane	74-83-9	ND	J4 <sup>g</sup>	ND	J4	ND	4.85	ND	J4	ND	4.85	ND	4.85	ND	4.85	ND	4.85	NL	NL	7.5				
Carbon disulfide	75-15-0	ND	0.510	ND	0.510	ND	0.510	ND	0.510	ND	0.510	ND	0.510	ND	0.510	ND	0.510	NL	NL	810				
Carbon tetrachloride	56-23-5	ND	0.360	ND	0.360	ND	0.360	ND	0.360	ND	0.360	ND	0.360	ND	0.360	ND	0.360	5	NL	0.46				
Chlorobenzene	108-90-7	ND	0.266	ND	0.266	ND	0.266	ND	0.266	ND	0.266	ND	0.266	ND	0.266	ND	0.266	100	NL	78				
Chlorodibromomethane	124-48-1	ND	0.398	ND	0.398	ND	0.398	ND	0.398	ND	0.398	ND	0.398	ND	0.398	ND	0.398	80	NL	0.87				
Chloroethane	75-00-3	ND	2.79	ND	2.79	ND	2.79	ND	2.79	ND	2.79	ND	2.79	ND	2.79	ND	2.79	NL	NL	8300				
Chloroform	67-66-3	ND	1.28	ND	1.28	ND	1.28	ND	1.28	ND	1.28	ND	1.28	ND	1.28	ND	1.28	80	NL	0.22				
Chloromethane	74-87-3	ND	1.70	ND	1.70	ND	1.70	ND	1.70	ND	1.70	ND	1.70	ND	1.70	ND	1.70	NL	NL	190				
cis-1,2-Dichloroethene	156-59-2	ND	0.323	ND	0.323	ND	0.323	ND	0.323	ND	0.323	ND	0.323	ND	0.323	ND	0.323	70	NL	25				
cis-1,3-Dichloropropene	10061-01-5	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	NL	NL	NL				
Di-isopropyl ether	108-20-3	ND	0.105	ND	0.105	ND	0.105	ND	0.105	ND	0.105	ND	0.105	ND	0.105	ND	0.105	NL	NL	1500				
Ethylbenzene	100-41-4	ND	0.234	ND	0.234	ND	0.234	ND	0.234	ND	0.234	ND	0.234	ND	0.234	ND	0.234	700	700	1.5				
Methyl tert-butyl ether	1634-04-4	ND	0.357	ND	0.357	ND	0.357	ND	0.357	ND	0.357	ND	0.357	ND	0.357	ND	0.357	NL	40	14				
Methylene Chloride	75-09-2	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	5	NL	11				
Naphthalene	91-20-3	ND	2.64	ND	2.64	ND	2.64	ND	2.64	ND	2.64	ND	2.64	ND	2.64	ND	2.64	NL	25	0.12				
Styrene	100-42-5	ND	0.342	ND	0.342	ND	0.342	ND	0.342	ND	0.342	ND	0.342	ND	0.342	ND	0.342	100	NL	1200				
Tetrachloroethene	127-18-4	ND	0.358	ND	0.358	ND	0.358	ND	0.358	ND	0.358	ND	0.358	ND	0.358	ND	0.358	5	NL	11				
Toluene	108-88-3	ND	0.274	ND	0.274	ND	0.274	ND	0.274	ND	0.274	ND	0.274	ND	0.274	ND	0.274	1000	1000	1100				
trans-1,2-Dichloroethene	156-60-5	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	ND	0.348	100	NL	68				
trans-1,3-Dichloropropene	10061-02-6	ND	0.313	ND	0.313	ND	0.313	ND	0.313	ND	0.313	ND	0.313	ND	0.313	ND	0.313	NL	NL	NL				
Trichloroethene	79-01-6	ND	0.383	ND	0.383	ND	0.383	ND	0.383	ND	0.383	ND	0.383	ND	0.383	ND	0.383	5	NL	0.49				
Vinyl chloride	75-01-4	ND	0.458	ND	0.458	ND	0.458	ND	0.458	ND	0.458	ND	0.458	ND	0.458	ND	0.458	2	NL	0.019				
Xylenes, Total	1330-20-7	ND	0.319	ND	0.319	ND	0.319	ND	0.319	ND	0.319	ND	0.319	ND	0.319	ND	0.319	10000	10000	190				

Notes:  
Groundwater samples collected on August 6 and 7, 2025 and analyzed for Volatile Organic Compounds (VOCs) by SW-846 Methods 8260D and 8011 (DBCP and EDB, results from method 8260D are not displayed). All results are in micrograms per liter (µg/L).

###	Light blue highlight indicates the analyte was not detected in the sample but the MDL was greater than the applicable screening level.
-----	--

- a. MDL = laboratory method detection limit.
- b. Maximum Contaminant Level (MCL) for drinking water as set forth in the South Carolina Primary Drinking Water Regulations, R.61-58.
- c. Risk Based Screening Levels (RBSL) for groundwater listed in Revision 4.0 of the South Carolina Department of Environmental Services (SCDES) Quality Assurance Program Plan (QAPP) for the Underground Storage Tank (UST) Management Division.
- d. Tap Water Screening Level (TWSL) obtained from the USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024. Gray values indicate the MCL or RBSL supercedes the TWSL.
- e. "ND" indicates the analyte was not detected at a concentration greater than the listed MDL.
- f. "NL" indicates the specific screening value is not listed in R.61-58, the SCDES QAPP for the UST Management Division, or the SL Table.
- g. "J4" qualifier indicates the associated batch QC was outside the established quality control range of accuracy.

Table II-5  
Summary of Groundwater Sample Laboratory Analytical Data - PAHs  
I-526 Long Point Road, Mount Pleasant, SC  
S&ME Project No. 200424A

Analyte	CAS Number	Bridge Terminal Transport			Wando Trucking			Wando Freight & Trucking			Long Point Holdings			South Carolina State Ports Authority												Groundwater Screening Levels		
		BTT-TW-01			WT-TW-01			WF&T-TW-01			LPH-TW-01			SCSPA-TW-01			SCSPA-TW-02			SCSPA-TW-03			SCSPA-TW-04					
		Result		MDL <sup>a</sup>	Result		MDL	Result		MDL	Result		MDL	Result		MDL	Result		MDL	Result		MDL	Result		MDL	MCL <sup>b</sup>	RBSL <sup>c</sup>	TWSL <sup>d</sup>
Acenaphthene	83-32-9	ND <sup>e</sup>	J4 <sup>f</sup>	0.0396	ND	J4	0.0455	<b>0.323<sup>g</sup></b>	<b>J4 Q<sup>h</sup></b>	0.0432	ND	J4	0.0396	ND	J4	0.0396	ND	J4	0.0396	ND	J4	0.0396	ND	J4	0.0396	NL	NL	530
Acenaphthylene	208-96-8	ND	J4	0.0296	ND	J4	0.0340	ND	J4	0.0332	ND	J4	0.0296	ND	J4	0.0296	ND	J4	0.0296	ND	J4	0.0296	ND	J4	0.0296	NL	NL	NL
Anthracene	120-12-7	ND	J4	0.0292	ND	J4	0.0336	ND	J4	0.0327	ND	J4	0.0292	ND	J4	0.0292	ND	J4	0.0292	ND	J4	0.0292	ND	J4	0.0292	NL	NL	1800
Benzo(a)anthracene	56-55-3	ND	J4	0.0333	ND	J4	0.0383	ND	J4	0.0373	ND	J4	0.0333	ND	J4	0.0333	ND	J4	0.0333	ND	J4	0.0333	<b>0.0459</b>	<b>J<sup>i</sup> Q</b>	0.0333	NL	10	0.03
Benzo(a)pyrene	50-32-8	ND	J4	0.0320	ND	J4	0.0368	ND	J4	0.0358	ND	J4	0.0320	ND	J4	0.0320	ND	J4	0.0320	ND	J4	0.0320	ND	J4	0.0320	0.2	NL	0.025
Benzo(b)fluoranthene	205-99-2	ND	J4	0.0343	ND	J4	0.0394	ND	J4	0.0384	ND	J4	0.0343	ND	J4	0.0343	ND	J4	0.0343	ND	J4	0.0343	ND	J4	0.0343	NL	10	0.25
Benzo(g,h,i)perylene	191-24-2	ND	J4	0.0309	ND	J4	0.0355	ND	J4	0.0346	ND	J4	0.0309	ND	J4	0.0309	ND	J4	0.0309	ND	J4	0.0309	ND	J4	0.0309	NL	NL	NL
Benzo(k)fluoranthene	207-08-9	ND	J4	0.0909	ND	J4	0.105	ND	J4	0.102	ND	J4	0.0909	ND	J4	0.0909	ND	J4	0.0909	ND	J4	0.0909	ND	J4	0.0909	NL	10	2.5
Chrysene	218-01-9	ND	J4	0.0347	ND	J4	0.0399	ND	J4	0.0389	ND	J4	0.0347	ND	J4	0.0347	ND	J4	0.0347	ND	J4	0.0347	<b>0.0452</b>	<b>J Q</b>	0.0347	NL	10	25
Dibenz(a,h)anthracene	53-70-3	ND	J4	0.0314	ND	J4	0.0361	ND	J4	0.0352	ND	J4	0.0314	ND	J4	0.0314	ND	J4	0.0314	ND	J4	0.0314	<b>0.0339</b>	<b>J Q</b>	0.0314	NL	10	0.025
Fluoranthene	206-44-0	ND	J4	0.0431	ND	J4	0.0496	ND	J4	0.0483	ND	J4	0.0431	ND	J4	0.0431	ND	J4	0.0431	ND	J4	0.0431	ND	J4	0.0431	NL	NL	800
Fluorene	86-73-7	ND	J4	0.0437	ND	J4	0.0503	ND	J4	0.0489	ND	J4	0.0437	ND	J4	0.0437	ND	J4	0.0437	ND	J4	0.0437	ND	J4	0.0437	NL	NL	290
Indeno(1,2,3-cd)pyrene	193-39-5	ND	J4	0.0348	ND	J4	0.0400	ND	J4	0.0390	ND	J4	0.0348	ND	J4	0.0348	ND	J4	0.0348	ND	J4	0.0348	ND	J4	0.0348	NL	NL	0.25
Naphthalene	91-20-3	ND	J4	0.188	ND	J4	0.216	ND	J4	0.211	ND	J4	0.188	ND	J4	0.188	ND	J4	0.188	ND	J4	0.188	ND	J4	0.188	NL	25	0.12
Phenanthrene	85-01-8	ND	J4	0.0394	ND	J4	0.0453	<b>0.0945</b>	<b>Q</b>	0.0429	ND	J4	0.0394	ND	J4	0.0394	ND	J4	0.0394	ND	J4	0.0394	ND	J4	0.0394	NL	NL	NL
Pyrene	129-00-0	ND	J4	0.0430	ND	J4	0.0495	ND	J4	0.0482	ND	J4	0.0430	ND	J4	0.0430	ND	J4	0.0430	ND	J4	0.0430	ND	J4	0.0430	NL	NL	120

Notes:

Groundwater samples collected on August 6 and 7, 2025 and analyzed for Semivolatile Organic Compounds (SVOCs) by SW-846 Method 8270E-SIM. All results are in micrograms per liter (µg/L).

a. MDL = laboratory method detection limit.

b. Maximum Contaminant Level (MCL) for drinking water as set forth in the South Carolina Primary Drinking Water Regulations, R.61-58.

c. Risk Based Screening Levels (RBSL) for groundwater listed in Revision 4.0 of the South Carolina Department of Environmental Services (SCDES) Quality Assurance Program Plan (QAPP) for the Underground Storage Tank (UST) Management Division.

d. Tap Water Screening Level (TWSL) obtained from the USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites Table (SL Table) dated November 2024. Gray values indicate the MCL or RBSL supercedes the TWSL.

e. "ND" indicates the analyte was not detected at a concentration greater than the listed MDL.


f. "J4" qualifier indicates the associated batch QC was outside the established quality control range of accuracy.


g. Bold text indicates the analyte was detected at a concentration greater than the laboratory MDL.


h. "Q" qualifier indicates the sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.


i. "J" qualifier indicates the identification of the analyte is acceptable; the reported value is an estimate.


## **Appendix III– Soil Boring Logs**

<b>SOIL BORING LOG</b>		
	<p style="text-align: center;">SITE NAME: <b>Bridge Terminal Transport</b></p> <p style="text-align: center;">SOIL BORING ID: <b>BTT-SS-01</b></p> <p style="text-align: center;">PROJECT NAME: <b>Long Point Road</b></p> <p style="text-align: center;">PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b></p> <p style="text-align: center;">PROJECT NUMBER: <b>200424A</b></p>	
<div style="display: flex; justify-content: space-between;"> <div> <p>BORING METHOD: <b>DPT Rig</b></p> <p>BORING DIAMETER: <b>1 inch</b></p> <p>LOGGED BY: <b>D. Corry</b></p> </div> <div> <p>DATE STARTED: <b>8/4/2025</b></p> <p>DATE FINISHED: <b>8/4/2025</b></p> <p>DRILLER: <b>C. Pullano</b></p> </div> </div>		
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Dark brown organic sand with wood	1	1
Light brown silty sand with gravel	1	2
Dark brown silty sand	2	4
Sand with some silt	2	6
Yellow coarse sand with iron staining	1	7
Tan grey sand	6	13
<p>Notes:</p> <p>Water table was encountered at a depth of approximately 4.5 feet below ground surface.</p> <p>Soil boring terminated at a depth of approximately 13 feet below ground surface.</p> <p>Temporary well BTT-TW-01 set at 13 feet below ground surface. See DHEC form 1903.</p>		


<b>SOIL BORING LOG</b>		
	<p style="text-align: center;">SITE NAME: <b>Wando Trucking</b></p> <p style="text-align: center;">SOIL BORING ID: <b>WT-SS-01</b></p> <p style="text-align: center;">PROJECT NAME: <b>Long Point Road</b></p> <p style="text-align: center;">PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b></p> <p style="text-align: center;">PROJECT NUMBER: <b>200424A</b></p>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/4/2025</b> DATE FINISHED: <b>8/4/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Organic silty sand w/ some gravel	1	1
Dark brown silty sand w/ layer of crush and run	1	2
Light brown sand w/ some silt	2	4
Brownish orange sand	2	6
Light brown sand	7	13
<p>Notes:</p> <p>Water table was encountered at a depth of approximately 5 feet below ground surface.</p> <p>Soil boring terminated at a depth of approximately 13 feet below ground surface.</p> <p>Temporary well WT-TW-01 set at 13 feet below ground surface. See DHEC form 1903.</p>		


<b>SOIL BORING LOG</b>		
	<p style="text-align: center;">SITE NAME: <b>Wando Trucking</b></p> <p style="text-align: center;">SOIL BORING ID: <b>WT-SS-02</b></p> <p style="text-align: center;">PROJECT NAME: <b>Long Point Road</b></p> <p style="text-align: center;">PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b></p> <p style="text-align: center;">PROJECT NUMBER: <b>200424A</b></p>	
<div style="display: flex; justify-content: space-between;"> <div> <p>BORING METHOD: <b>DPT Rig</b></p> <p>BORING DIAMETER: <b>1 inch</b></p> <p>LOGGED BY: <b>D. Corry</b></p> </div> <div> <p>DATE STARTED: <b>8/4/2025</b></p> <p>DATE FINISHED: <b>8/4/2025</b></p> <p>DRILLER: <b>C. Pullano</b></p> </div> </div>		
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Organic silty sand	1	1
Silty sand with layer of crush and run	1	2
Light brown silty sand with some silt	1	3
Light brown sand with some silt	1	4
Dark brown sand	1	5
<p>Notes:</p> <p>Soil boring terminated at a depth of approximately 5 feet below ground surface.</p> <p>Temporary soil boring abandoned in accordance with SC well regulations (R.61-71) on 8/4/2025.</p>		


<b>SOIL BORING LOG</b>		
	<p style="text-align: center;">SITE NAME: <b>Wando Fuel and Truck</b></p> <p style="text-align: center;">SOIL BORING ID: <b>WF&amp;T-SS-01</b></p> <p style="text-align: center;">PROJECT NAME: <b>Long Point Road</b></p> <p style="text-align: center;">PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b></p> <p style="text-align: center;">PROJECT NUMBER: <b>200424A</b></p>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/4/2025</b> DATE FINISHED: <b>8/4/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Asphalt	0.5	0.5
Brown sand with some silt	0.5	1
Tan sand	2	3
Light brown sand	1	4
Gravel with dark brown silty sand	2	6
Dark brown clay silt	3	9
Grey clay	1	10
Tan sand with shell hash	1	11
Grey clay	2	13
<p>Notes:</p> <p>Water table was encountered at a depth of approximately 4 feet below ground surface.</p> <p>Soil boring terminated at a depth of approximately 13 feet below ground surface.</p> <p>Temporary well WF&amp;T-TW-01 set at 13 feet below ground surface. See DHEC form 1903.</p>		


SOIL BORING LOG		
	SITE NAME: <b>Wando Fuel and Truck</b> SOIL BORING ID: <b>WF&amp;T-SS-02</b> PROJECT NAME: <b>Long Point Road</b>	
	PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b> PROJECT NUMBER: <b>200424A</b>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/4/2025</b> DATE FINISHED: <b>8/4/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Asphalt	0.5	0.5
Brown sand with some silt	1.5	2
Dark brown sand with some silt	2	4
Light brown tan sand	1	5
Notes: Soil boring terminated at a depth of approximately 5 feet below ground surface. Temporary soil boring abandoned in accordance with SC well regulations (R.61-71) on 8/4/2025.		




SOIL BORING LOG		
	SITE NAME: <b>Long Point Holdings</b> SOIL BORING ID: <b>LPH-SS-01</b> PROJECT NAME: <b>Long Point Road</b>	
	PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b> PROJECT NUMBER: <b>200424A</b>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/4/2025</b> DATE FINISHED: <b>8/4/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Dark brown organic sandy silt with gravel	1	1
Light brown silty sand	1	2
Light brown sand with some silt	3	5
Yellow coarse sand	1	6
Tan grey fine sand	7	13
Notes: Water table was encountered at a depth of approximately 4.5 feet below ground surface. Soil boring terminated at a depth of approximately 13 feet below ground surface. Temporary well set LPH-TW-01 at 13 feet below ground surface. See DHEC form 1903.		

SOIL BORING LOG		
	SITE NAME: <b>SC State Ports Authority</b> SOIL BORING ID: <b>SCSPA-SS-01</b> PROJECT NAME: <b>Long Point Road</b>	
	PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b> PROJECT NUMBER: <b>200424A</b>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/5/2025</b> DATE FINISHED: <b>8/5/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Light brown organic silty sand	1	1
Light brown dry silty sand	3	4
Tan sand with some silt	2	6
Light brown sandy clay	1	7
Yellow orange sandy clay	1	8
Orange grey sandy clay	1	9
Grey sand	2	11
Grey clay	2	13
Grey sandy clay with shell	2	15
Notes: Water table was encountered at a depth of approximately 7 feet below ground surface. Soil boring terminated at a depth of approximately 15 feet below ground surface. Temporary well SCSPA-TW-01 set at 15 feet below ground surface. See DHEC form 1903.		

<b>SOIL BORING LOG</b>		
	<p style="margin: 0;">SITE NAME: <b>SC State Ports Authority</b></p> <p style="margin: 0;">SOIL BORING ID: <b>SCSPA-SS-02</b></p> <p style="margin: 0;">PROJECT NAME: <b>Long Point Road</b></p> <p style="margin: 0;">PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b></p> <p style="margin: 0;">PROJECT NUMBER: <b>200424A</b></p>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/5/2025</b> DATE FINISHED: <b>8/5/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Light brown silty sand	2	2
Dark brown silty sand	1	3
Light brown sand with some clay (slight black stain at 4.5')	2	5
Tand sand	4	9
Grey sand	3	12
Grey clay	1	13
Sandy clay	1	14
Grey clay	1	15
<p>Notes:</p> <p>Water table was encountered at a depth of approximately 6 feet below ground surface.</p> <p>Soil boring terminated at a depth of approximately 15 feet below ground surface.</p> <p>Temporary well SCSPA-TW-02 set at 15 feet below ground surface. See DHEC form 1903.</p>		

SOIL BORING LOG		
	SITE NAME: <b>SC State Ports Authority</b> SOIL BORING ID: <b>SCSPA-SS-03</b> PROJECT NAME: <b>Long Point Road</b>	
	PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b> PROJECT NUMBER: <b>200424A</b>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/5/2025</b> DATE FINISHED: <b>8/5/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Asphalt	0.5	0.5
Gravel with some sand	0.5	1
Dark brown sand with some silt	2	3
Dark brown sand with some shell pieces	4	7
Dark brown sand with some silt	1	8
Grey fine sand	4	12
Notes: Water table was encountered at a depth of approximately 3 feet below ground surface. Soil boring terminated at a depth of approximately 12 feet below ground surface. Temporary well SCSPA-TW-03 set at 12 feet below ground surface. See DHEC form 1903.		

<b>SOIL BORING LOG</b>		
	<p style="text-align: center;">SITE NAME: <b>SC State Ports Authority</b></p> <p style="text-align: center;">SOIL BORING ID: <b>SCSPA-SS-04</b></p> <p style="text-align: center;">PROJECT NAME: <b>Long Point Road</b></p> <p style="text-align: center;">PROJECT LOCATION: <b>Mount Pleasant, South Carolina</b></p> <p style="text-align: center;">PROJECT NUMBER: <b>200424A</b></p>	
BORING METHOD: <b>DPT Rig</b> BORING DIAMETER: <b>1 inch</b> LOGGED BY: <b>D. Corry</b>		DATE STARTED: <b>8/5/2025</b> DATE FINISHED: <b>8/5/2025</b> DRILLER: <b>C. Pullano</b>
FORMATION DESCRIPTION	THICKNESS OF STRATUM (FEET)	DEPTH TO BOTTOM OF STRATUM (FEET)
Dark brown organic silty sand	1	1
Brown silty sand	1	2
Light brown orange sand with some clay	3	5
Dark brown sand with some clay	1	6
Tan sand	2	8
Coarse grey sand	2	10
Tan grey sand	3	13
Grey sand	1	14
<p>Notes:</p> <p>Water table was encountered at a depth of approximately 6 feet below ground surface.</p> <p>Soil boring terminated at a depth of approximately 14 feet below ground surface.</p> <p>Temporary well SCSPA-TW-04 set at 14 feet below ground surface. See DHEC form 1903.</p>		

## **Appendix IV – Temporary Monitoring Well Approval and Water Well Records**



### Monitoring Well Approval

Approval is                                      Mary Beth Cline  
on behalf of:                                    S&ME  
Facility:                                        Long Point Road and Shipping Lane  
Site Identification:                            SARRMW-00739  
County:                                        Charleston

This approval is for the installation of 11 temporary groundwater-monitoring well(s). The wells are to be installed in the locations as illustrated on the submitted map and per the proposed construction details provided by your correspondence dated 07/25/25. The wells are to be installed following all of the applicable requirements of R.61-71.

**Please note that R.61-71 requires the following:**

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f.
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c.
5. If any of the information provided to the Department changes, Robert Cole (803-898-0802, robert.cole@des.sc.gov) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

**Date of Issuance:** 07/26/25

**Approval #:** SARRMW-00739

Robert Cole, Manager

Division of Site Assessment Remediation & Revitalization Division (SARR)

Federal & State Site Assessment Section

Bureau of Land & Waste Management



SC DEPARTMENT of  
**ENVIRONMENTAL  
SERVICES**

**Robert Cole**  
**Bureau of Land and Waste Management**  
2600 Bull Street  
Columbia, SC 29201

---

July 23, 2025

Tripp Harris  
SCDOT  
955 Park Street, Rm 421  
Columbia, SC 29201

Re: Monitoring Well Approval Request received 07/25/25  
Long Point Road and Shipping Lane  
Charleston County Well ID: SARRMW-00739

Dear Sir/Madam:

The South Carolina Department of Environmental Services (SCDES) has reviewed and approved the referenced monitoring well approval request submitted 07/25/25. The original monitoring well approval has been sent to Mary Beth Cline/S&ME Limited and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention on or before 09/25/25. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.
- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).
- If this investigation is conducted as part of a potential real estate transaction, the potential purchaser may want to contact SCDES's Brownfields Program before this work is performed. The Brownfields Program offers a mechanism to avoid liability for contamination that may be found during this investigation. The investigation proposed may satisfy part or all of the required assessment if pre-approved by the Brownfields Program. The Brownfields Program may be reached at 1-866-576-3432.

If you have any questions, please contact me at (803) 898-0802.

Sincerely,

A handwritten signature in black ink, appearing to read 'RCole'.

Robert Cole, Manager  
Federal & State Site Assessment Section  
Division of Site Assessment Remediation & Revitalization Division (SARR)  
Bureau of Land & Waste Management

enc: Monitor well approval cc: SCDES Regional Office





# Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

*Note: Personal information provided on this document is subject to public scrutiny or release.*

## 1. WELL OWNER INFORMATION:

Name: SCDOT  
(last) (first)  
Address: 955 Park Street, Rm 421  
City: Columbia State: SC Zip:  
Telephone: Work: Home:

## 2. LOCATION OF WELL:

COUNTY: Charleston

Name: I-526 Long Point Road  
Street Address: Long Point Road and Shipping Lane  
City: Mount Pleasant Zip:  
Latitude: Longitude:

## 3. PUBLIC SYSTEM NAME:

PUBLIC SYSTEM NUMBER:

00739

BTT-TW-01

## 4. ABANDONMENT:

☒ Yes ☐ No

Give Details Below

Grouted Depth: from 15 ft. to 0 ft.

Formation Description

\*Thickness  
of  
Stratum

Depth to  
Bottom of  
Stratum

## 5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored  
☐ Dug ☐ Air Rotary ☐ Driven  
☐ Cable tool ☐ Other

## 7. PERMIT NUMBER:

SARRMW-00739

## 8. USE:

☐ Residential ☐ Public Supply ☐ Process  
☐ Irrigation ☐ Air Conditioning ☐ Emergency  
☒ Test Well ☐ Monitor Well ☐ Replacement

## 9. WELL DEPTH (completed)

Date Started: 8/4/25

15 ft.

Date Completed: 8/5/25

## 10. CASING:

☒ Threaded ☐ Welded

Diam.: 1"

Type: ☒ PVC ☐ Galvanized

☐ Steel ☐ Other

1 in. to 5 ft. depth

in. to ft. depth

Height: Above/Below

Surface ft.

Weight lb./ft.

Drive Shoe? ☐ Yes ☐ No

## 11. SCREEN:

Type: PVC

Diam.: 1"

Slot/Gauge: 0.010

Length: 10'

Set Between: 5 ft. and 15 ft.

ft. and ft.

**NOTE: MULTIPLE SCREENS  
USE SECOND SHEET**

Sieve Analysis ☐ Yes (please enclose) ☐ No

## 12. STATIC WATER LEVEL

7.91 ft. below land surface after 24 hours

## 13. PUMPING LEVEL Below Land Surface.

ft. after hrs. Pumping G.P.M.

Pumping Test: ☐ Yes (please enclose) ☐ No

Yield:

## 14. WATER QUALITY

Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No

Please enclose lab results.

## 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No

Installed from ft. to ft.

Effective size Uniformity Coefficient

## 16. WELL GROUTED? ☐ Yes ☐ No

☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other

Depth: From ft. to ft.

## 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction

Type

Well Disinfected ☐ Yes ☐ No Type: Amount:

## 18. PUMP: Date installed: Not installed ☐

Mfr. Name: Model No.:

H.P. Volts Length of drop pipe ft. Capacity gpm

TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine

☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

## 19. WELL DRILLER: Jason Chiorazzi

CERT. NO.: 1790

Address: (Print)

Level: A B C D (circle one)

2047 Industrial Blvd, Lexington, SC  
29072

Telephone No.: 8034295001

Fax No.:

## 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Date: 8/18/25

Well Driller

If D Level Driller, provide supervising driller's name:



# Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

*Note: Personal information  
provided on this document  
is subject to public scrutiny  
or release.*

## 1. WELL OWNER INFORMATION:

Name: SCDOT

(last)

(first)

Address: 955 Park Street, Rm 421

City: Columbia

State: SC

Zip:

Telephone: Work:

Home:

## 2. LOCATION OF WELL:

COUNTY: Charleston

Name: I-526 Long Point Road

Street Address: Long Point Road and Shipping Lane

City: Mount Pleasant

Zip:

Latitude:

Longitude:

## 3. PUBLIC SYSTEM NAME:

PUBLIC SYSTEM NUMBER:

00739

WT-TW-01

## 4. ABANDONMENT:

☒ Yes ☐ No

Give Details Below

Grouted Depth: from 15 ft. to 0 ft.

Formation Description

\*Thickness  
of  
Stratum

Depth to  
Bottom of  
Stratum

## 5. REMARKS:

6. TYPE: ☐ Mud Rotary

☐ Jetted

☐ Bored

☐ Dug

☐ Air Rotary

☐ Driven

☐ Cable tool

☐ Other

## 7. PERMIT NUMBER:

SARRMW-00739

## 8. USE:

☐ Residential

☐ Public Supply

☐ Process

☐ Irrigation

☐ Air Conditioning

☐ Emergency

☒ Test Well

☐ Monitor Well

☐ Replacement

## 9. WELL DEPTH (completed)

Date Started: 8/4/25

15 ft.

Date Completed: 8/5/25

## 10. CASING:

☒ Threaded ☐ Welded

Diam.: 1"

Type:

☒ PVC

☐ Galvanized

☐ Steel

☐ Other

1 in. to 5 ft. depth

in. to ft. depth

Height: Above/Below

Surface \_\_\_\_\_ ft.

Weight \_\_\_\_\_ lb./ft.

Drive Shoe? ☐ Yes ☐ No

## 11. SCREEN:

Type: PVC

Diam.: 1"

Slot/Gauge: 0.010

Length: 10'

Set Between: 5 ft. and 15 ft.

ft. and ft.

**NOTE: MULTIPLE SCREENS  
USE SECOND SHEET**

Sieve Analysis ☐ Yes (please enclose) ☐ No

## 12. STATIC WATER LEVEL

7.06 ft. below land surface after 24 hours

## 13. PUMPING LEVEL Below Land Surface.

ft. after hrs. Pumping \_\_\_\_\_ G.P.M.

Pumping Test: ☐ Yes (please enclose) ☐ No

Yield: \_\_\_\_\_

## 14. WATER QUALITY

Chemical Analysis ☐ Yes ☐ No

Bacterial Analysis ☐ Yes ☐ No

Please enclose lab results.

## 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No

Installed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Effective size \_\_\_\_\_ Uniformity Coefficient \_\_\_\_\_

## 16. WELL GROUTED? ☐ Yes ☐ No

☐ Neat Cement

☐ Bentonite

☐ Bentonite/Cement

☐ Other \_\_\_\_\_

Depth: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

## 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: \_\_\_\_\_ ft. \_\_\_\_\_ direction

Type \_\_\_\_\_

Well Disinfected ☐ Yes ☐ No Type: \_\_\_\_\_ Amount: \_\_\_\_\_

## 18. PUMP: Date installed: \_\_\_\_\_ Not installed ☐

Mfr. Name: \_\_\_\_\_ Model No.: \_\_\_\_\_

H.P. \_\_\_\_\_ Volts \_\_\_\_\_ Length of drop pipe \_\_\_\_\_ ft. Capacity \_\_\_\_\_ gpm

TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine

☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

## 19. WELL DRILLER: Jason Chiorazzi

CERT. NO.: 1790

Address: (Print)

Level: A B C D (circle one)

2047 Industrial Blvd, Lexington, SC  
29072

Telephone No.: 8034295001

Fax No.: \_\_\_\_\_

## 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: \_\_\_\_\_ Date: 8/18/25

Well Driller

If D Level Driller, provide supervising driller's name:





# Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

*Note: Personal information  
provided on this document  
is subject to public scrutiny  
or release.*

## 1. WELL OWNER INFORMATION:

Name: SCDOT

(last)

(first)

Address: 955 Park Street, Rm 421

City: Columbia

State: SC

Zip:

Telephone: Work:

Home:

## 2. LOCATION OF WELL:

COUNTY: Charleston

Name: I-526 Long Point Road

Street Address: Long Point Road and Shipping Lane

City: Mount Pleasant

Zip:

Latitude:

Longitude:

## 3. PUBLIC SYSTEM NAME:

PUBLIC SYSTEM NUMBER:

00739

LPH-TW-01

## 4. ABANDONMENT:

☒ Yes ☐ No

Give Details Below

Grouted Depth: from 15 ft. to 0 ft.

Formation Description

\*Thickness  
of  
Stratum

Depth to  
Bottom of  
Stratum

## 5. REMARKS:

6. TYPE: ☐ Mud Rotary

☐ Jetted

☐ Bored

☐ Dug

☐ Air Rotary

☐ Driven

☐ Cable tool

☐ Other

## 7. PERMIT NUMBER:

SARRMW-00739

## 8. USE:

☐ Residential

☐ Public Supply

☐ Process

☐ Irrigation

☐ Air Conditioning

☐ Emergency

☒ Test Well

☐ Monitor Well

☐ Replacement

## 9. WELL DEPTH (completed)

Date Started: 8/4/25

15 ft.

Date Completed: 8/5/25

## 10. CASING:

☒ Threaded ☐ Welded

Diam.: 1"

Type:

☒ PVC

☐ Galvanized

☐ Steel

☐ Other

1 in. to 5 ft. depth

in. to ft. depth

Height: Above/Below

Surface ft.

Weight lb./ft.

Drive Shoe? ☐ Yes ☐ No

## 11. SCREEN:

Type: PVC

Diam.: 1"

Slot/Gauge: 0.010

Length: 10'

Set Between: 5 ft. and 15 ft.

ft. and ft.

**NOTE: MULTIPLE SCREENS  
USE SECOND SHEET**

Sieve Analysis ☐ Yes (please enclose) ☐ No

## 12. STATIC WATER LEVEL 7.41 ft. below land surface after 24 hours

## 13. PUMPING LEVEL Below Land Surface.

ft. after hrs. Pumping G.P.M.

Pumping Test: ☐ Yes (please enclose) ☐ No

Yield:

## 14. WATER QUALITY

Chemical Analysis ☐ Yes ☐ No

Bacterial Analysis ☐ Yes ☐ No

Please enclose lab results.

## 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No

Installed from ft. to ft.

Effective size Uniformity Coefficient

## 16. WELL GROUTED? ☐ Yes ☐ No

☐ Neat Cement

☐ Bentonite

☐ Bentonite/Cement

☐ Other

Depth: From ft. to ft.

## 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction

Type

Well Disinfected ☐ Yes ☐ No Type: Amount:

## 18. PUMP: Date installed: Not installed ☐

Mfr. Name: Model No.:

H.P. Volts Length of drop pipe ft. Capacity gpm

TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine

☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

## 19. WELL DRILLER: Jason Chiorazzi

CERT. NO.: 1790

Address: (Print)

Level: A B C D (circle one)

2047 Industrial Blvd, Lexington, SC  
29072

Telephone No.: 8034295001

Fax No.:

## 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Date: 8/18/25

Well Driller

If D Level Driller, provide supervising driller's name:



# Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

**Note:** Personal information provided on this document is subject to public scrutiny or release.

## 1. WELL OWNER INFORMATION:

Name: SCDOT  
(last) (first)  
Address: 955 Park Street, Rm 421  
City: Columbia State: SC Zip:  
Telephone: Work: Home:

## 2. LOCATION OF WELL:

COUNTY: Charleston

Name: I-526 Long Point Road  
Street Address: Long Point Road and Shipping Lane  
City: Mount Pleasant Zip:  
Latitude: Longitude:

## 3. PUBLIC SYSTEM NAME:

PUBLIC SYSTEM NUMBER:

00739

SCSPA-TW-01

## 4. ABANDONMENT:

☒ Yes ☐ No

Give Details Below

Grouted Depth: from 14.5 ft. to 0 ft.

Formation Description

\*Thickness  
of  
Stratum

Depth to  
Bottom of  
Stratum

## 5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored  
☐ Dug ☐ Air Rotary ☐ Driven  
☐ Cable tool ☐ Other

## 7. PERMIT NUMBER:

SARRMW-00739

## 8. USE:

☐ Residential ☐ Public Supply ☐ Process  
☐ Irrigation ☐ Air Conditioning ☐ Emergency  
☒ Test Well ☐ Monitor Well ☐ Replacement

## 9. WELL DEPTH (completed)

Date Started: 8/4/25

14.5 ft.

Date Completed: 8/5/25

## 10. CASING:

☒ Threaded ☐ Welded

Diam.: 1"

Type: ☒ PVC ☐ Galvanized

☐ Steel ☐ Other

1 in. to 4.5 ft. depth

in. to ft. depth

Height: Above/Below

Surface ft.

Weight lb./ft.

Drive Shoe? ☐ Yes ☐ No

## 11. SCREEN:

Type: PVC

Diam.: 1"

Slot/Gauge: 0.010

Length: 10'

Set Between: 4.5 ft. and 14.5 ft.

ft. and ft.

**NOTE: MULTIPLE SCREENS  
USE SECOND SHEET**

Sieve Analysis ☐ Yes (please enclose) ☐ No

## 12. STATIC WATER LEVEL

7.24 ft. below land surface after 24 hours

## 13. PUMPING LEVEL Below Land Surface.

ft. after hrs. Pumping G.P.M.

Pumping Test: ☐ Yes (please enclose) ☐ No

Yield:

## 14. WATER QUALITY

Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No

Please enclose lab results.

## 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No

Installed from ft. to ft.

Effective size Uniformity Coefficient

## 16. WELL GROUTED? ☐ Yes ☐ No

☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other

Depth: From ft. to ft.

## 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction

Type

Well Disinfected ☐ Yes ☐ No Type: Amount:

## 18. PUMP:

Date installed: Not installed ☐

Mfr. Name: Model No.:

H.P. Volts Length of drop pipe ft. Capacity gpm

TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine

☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

## 19. WELL DRILLER: Jason Chiorazzi

CERT. NO.: 1790

Address: (Print)

Level: A B C D (circle one)

2047 Industrial Blvd, Lexington, SC  
29072

Telephone No.: 8034295001

Fax No.:

## 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Date: 8/18/25

Well Driller

If D Level Driller, provide supervising driller's name:



# Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

*Note: Personal information  
provided on this document  
is subject to public scrutiny  
or release.*

## 1. WELL OWNER INFORMATION:

Name: SCDOT

(last)

(first)

Address: 955 Park Street, Rm 421

City: Columbia

State: SC

Zip:

Telephone: Work:

Home:

## 2. LOCATION OF WELL:

COUNTY: Charleston

Name: I-526 Long Point Road

Street Address: Long Point Road and Shipping Lane

City: Mount Pleasant

Zip:

Latitude:

Longitude:

## 3. PUBLIC SYSTEM NAME:

PUBLIC SYSTEM NUMBER:

00739

SCSPA-TW-02

## 4. ABANDONMENT:

☒ Yes ☐ No

Give Details Below

Grouted Depth: from 15 ft. to 0 ft.

Formation Description

\*Thickness  
of  
Stratum

Depth to  
Bottom of  
Stratum

## 5. REMARKS:

6. TYPE: ☐ Mud Rotary

☐ Jetted

☐ Bored

☐ Dug

☐ Air Rotary

☐ Driven

☐ Cable tool

☐ Other

## 7. PERMIT NUMBER:

SARRMW-00739

## 8. USE:

☐ Residential

☐ Public Supply

☐ Process

☐ Irrigation

☐ Air Conditioning

☐ Emergency

☒ Test Well

☐ Monitor Well

☐ Replacement

## 9. WELL DEPTH (completed)

Date Started: 8/4/25

15 ft.

Date Completed: 8/5/25

## 10. CASING:

☒ Threaded ☐ Welded

Diam.: 1"

Type:

☒ PVC

☐ Galvanized

☐ Steel

☐ Other

1 in. to 5 ft. depth

in. to ft. depth

Height: Above/Below

Surface \_\_\_\_\_ ft.

Weight \_\_\_\_\_ lb./ft.

Drive Shoe? ☐ Yes ☐ No

## 11. SCREEN:

Type: PVC

Diam.: 1"

Slot/Gauge: 0.010

Length: 10'

Set Between: 5 ft. and 15 ft.

ft. and ft.

**NOTE: MULTIPLE SCREENS  
USE SECOND SHEET**

Sieve Analysis ☐ Yes (please enclose) ☐ No

## 12. STATIC WATER LEVEL

7.52 ft. below land surface after 24 hours

## 13. PUMPING LEVEL Below Land Surface.

ft. after hrs. Pumping \_\_\_\_\_ G.P.M.

Pumping Test: ☐ Yes (please enclose) ☐ No

Yield: \_\_\_\_\_

## 14. WATER QUALITY

Chemical Analysis ☐ Yes ☐ No

Bacterial Analysis ☐ Yes ☐ No

Please enclose lab results.

## 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No

Installed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Effective size \_\_\_\_\_ Uniformity Coefficient \_\_\_\_\_

## 16. WELL GROUTED? ☐ Yes ☐ No

☐ Neat Cement

☐ Bentonite

☐ Bentonite/Cement

☐ Other \_\_\_\_\_

Depth: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

## 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: \_\_\_\_\_ ft. \_\_\_\_\_ direction

Type \_\_\_\_\_

Well Disinfected ☐ Yes ☐ No Type: \_\_\_\_\_ Amount: \_\_\_\_\_

## 18. PUMP: Date installed: \_\_\_\_\_

Not installed ☐

Mfr. Name: \_\_\_\_\_ Model No.: \_\_\_\_\_

H.P. \_\_\_\_\_ Volts \_\_\_\_\_ Length of drop pipe \_\_\_\_\_ ft. Capacity \_\_\_\_\_ gpm

TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine

☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

## 19. WELL DRILLER: Jason Chiorazzi

CERT. NO.: 1790

Address: (Print)

Level: A B C D (circle one)

2047 Industrial Blvd, Lexington, SC  
29072

Telephone No.: 8034295001

Fax No.: \_\_\_\_\_

## 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: \_\_\_\_\_

Well Driller

Date: 8/18/25

If D Level Driller, provide supervising driller's name:



# Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

*Note: Personal information provided on this document is subject to public scrutiny or release.*

## 1. WELL OWNER INFORMATION:

Name: SCDOT  
(last) (first)  
Address: 955 Park Street, Rm 421  
City: Columbia State: SC Zip:  
Telephone: Work: Home:

## 2. LOCATION OF WELL:

COUNTY: Charleston

Name: I-526 Long Point Road  
Street Address: Long Point Road and Shipping Lane  
City: Mount Pleasant Zip:  
Latitude: Longitude:

## 3. PUBLIC SYSTEM NAME:

PUBLIC SYSTEM NUMBER:

00739

SCSPA-TW-03

## 4. ABANDONMENT:

☒ Yes ☐ No

Give Details Below

Grouted Depth: from 15 ft. to 0 ft.

Formation Description

\*Thickness  
of  
Stratum

Depth to  
Bottom of  
Stratum

## 5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored  
☐ Dug ☐ Air Rotary ☐ Driven  
☐ Cable tool ☐ Other

## 7. PERMIT NUMBER:

SARRMW-00739

## 8. USE:

☐ Residential ☐ Public Supply ☐ Process  
☐ Irrigation ☐ Air Conditioning ☐ Emergency  
☒ Test Well ☐ Monitor Well ☐ Replacement

## 9. WELL DEPTH (completed)

Date Started: 8/4/25

15 ft.

Date Completed: 8/5/25

## 10. CASING:

☒ Threaded ☐ Welded

Diam.: 1"

Type: ☒ PVC ☐ Galvanized

☐ Steel ☐ Other

1 in. to 5 ft. depth

in. to ft. depth

Height: Above/Below

Surface ft.

Weight lb./ft.

Drive Shoe? ☐ Yes ☐ No

## 11. SCREEN:

Type: PVC

Diam.: 1"

Slot/Gauge: 0.010

Length: 10'

Set Between: 5 ft. and 15 ft.

ft. and ft.

**NOTE: MULTIPLE SCREENS  
USE SECOND SHEET**

Sieve Analysis ☐ Yes (please enclose) ☐ No

## 12. STATIC WATER LEVEL 6.61

ft. below land surface after 24 hours

## 13. PUMPING LEVEL Below Land Surface.

ft. after hrs. Pumping G.P.M.

Pumping Test: ☐ Yes (please enclose) ☐ No

Yield:

## 14. WATER QUALITY

Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No

Please enclose lab results.

## 15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No

Installed from ft. to ft.

Effective size Uniformity Coefficient

## 16. WELL GROUTED? ☐ Yes ☐ No

☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other

Depth: From ft. to ft.

## 17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction

Type

Well Disinfected ☐ Yes ☐ No Type: Amount:

## 18. PUMP: Date installed: Not installed ☐

Mfr. Name: Model No.:

H.P. Volts Length of drop pipe ft. Capacity gpm

TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine

☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

## 19. WELL DRILLER: Jason Chiorazzi

CERT. NO.: 1790

Address: (Print)

Level: A B C D (circle one)

2047 Industrial Blvd, Lexington, SC  
29072

Telephone No.: 8034295001

Fax No.:

## 20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Date: 8/18/25

Well Driller

If D Level Driller, provide supervising driller's name:



**Water Well Record**  
**Bureau of Water**  
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

[illegible]











**Water Well Record**  
**Bureau of Water**  
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

[illegible]











## **Appendix V – Field Data Information Sheets**



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/7/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: Cloudy / Drizzle Ambient Air Temp (°F): 76

### Quality Assurance

Meter Name	Serial #:	Calibration:
Hannah 991301 (pH, Sp. Cond., Temp)	TA07240067	pH 4.0: <u>Y</u> or N pH 7.0: <u>Y</u> or N pH 10.0: <u>Y</u> or N S.C.: <u>Y</u> or N
YSI 55 (Dissolved Oxygen)	9831329	<u>Y</u> or N
Oakton T-100 (Turbidity)	349780	0.0 NTU: <u>Y</u> or N 1.0 NTU: <u>Y</u> or N 10.0 NTU: <u>Y</u> or N

### Well Information

Well ID: BTT-TW-01 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer X Pump  
X MW    IW    RW    Other    Screened Interval (ft.): 5 to 15 Total Well Depth (TWD) (ft.): 15ft  
   Private WSW    Public WSW Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 7.91 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 7.09 1 casing volume (CV = LWC x C) (gals.): 0.33 3 casing volumes (3 x CV) (gals.): 0.99

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.33</u>	<u>0.66</u>	<u>0.99</u>	<u>1.32</u>	<u>1.65</u>		
Time (military)	<u>1028</u>	<u>1031</u>	<u>1034</u>	<u>1036</u>	<u>1038</u>	<u>1040</u>		
PH (s.u.)	<u>6.61</u>	<u>6.60</u>	<u>6.61</u>	<u>6.60</u>	<u>6.61</u>	<u>6.61</u>		
Specific Conductivity (µS/cm)	<u>0.30</u>	<u>0.35</u>	<u>0.38</u>	<u>0.36</u>	<u>0.38</u>	<u>0.36</u>		
Water Temperature (°C)	<u>26.2</u>	<u>26.0</u>	<u>26.0</u>	<u>26.0</u>	<u>26.1</u>	<u>26.1</u>		
Turbidity (NTU)	<u>742</u>	<u>177</u>	<u>46.4</u>	<u>25.5</u>	<u>19.5</u>	<u>7.00</u>		
Dissolved Oxygen (mg/L)	<u>0.21</u>	<u>0.31</u>	<u>0.31</u>	<u>0.28</u>	<u>0.27</u>	<u>0.27</u>		

### Sampling Data

Sampled By: CP Sampling Time: 1042 Duplicate: Y or N If yes, Duplicate Time: N/A  
Notes: 2.2 ft riser above ground surface (13.8 ft well BGS)  
No Sheen or Odor  
Signature: CP



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/7/25 Site ID #: 200424A Phase 120 Site Name: 1-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: Overcast Ambient Air Temp (°F): 74

### Quality Assurance

Meter Name	Serial #:	Calibration:
Hannah 991301 (pH, Sp. Cond., Temp)	TA07240067	pH 4.0: <u>Y</u> or N pH 7.0: <u>Y</u> or N pH 10.0: <u>Y</u> or N S.C.: <u>Y</u> or N
YSI 55 (Dissolved Oxygen)	9831329	<u>Y</u> or N
Oakton T-100 (Turbidity)	349780	0.0 NTU: <u>Y</u> or N 1.0 NTU: <u>Y</u> or N 10.0 NTU: <u>Y</u> or N

### Well Information

Well ID: WT-TW-01 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer ☒ Pump  
☒ MW ☐ IW ☐ RW ☐ Other ☐ Screened Interval (ft.): 5 to 15 Total Well Depth (TWD) (ft.): 15 ft  
☐ Private WSW ☐ Public WSW Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 7.06 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 7.94 1 casing volume (CV = LWC x C) (gals.): 0.37 3 casing volumes (3 x CV) (gals.): 1.11

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.37</u>	<u>0.74</u>	<u>1.11</u>				
Time (military)	<u>0947</u>	<u>0950</u>	<u>0953</u>	<u>0956</u>				
PH (s.u.)	<u>6.48</u>	<u>6.46</u>	<u>6.46</u>	<u>6.46</u>				
Specific Conductivity (µS/cm)	<u>0.93</u>	<u>0.95</u>	<u>0.91</u>	<u>0.90</u>				
Water Temperature (°C)	<u>27.1</u>	<u>27.3</u>	<u>27.5</u>	<u>27.4</u>				
Turbidity (NTU)	<u>248</u>	<u>356</u>	<u>1734</u>	<u>799</u>				
Dissolved Oxygen (mg/L)	<u>0.26</u>	<u>0.28</u>	<u>0.28</u>	<u>0.30</u>				

### Sampling Data

Sampled By: CP Sampling Time: 0958 Duplicate: Y or N If yes, Duplicate Time: N/A

Notes: Riser 13 ft above ground level (13.7 ft BGS)

No Odor or Sheen

Signature: CP



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/6/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: 83 Sunny Ambient Air Temp (°F): 83

### Quality Assurance

Meter Name: \_\_\_\_\_ Serial #: \_\_\_\_\_ Calibration: \_\_\_\_\_  
Hannah 991301 (pH, Sp. Cond., Temp) TA07240067 pH 4.0: Y or N pH 7.0: Y or N pH 10.0: Y or N S.C.: Y or N  
YSI 55 (Dissolved Oxygen) 9831329 Y or N  
Oakton T-100 (Turbidity) 349780 0.0 NTU: Y or N 1.0 NTU: Y or N 10.0 NTU: Y or N

### Well Information

Well ID: WPT-TW-01 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer X Pump  
X MW     IW     RW     Other     Screened Interval (ft.): 3 to 13 Total Well Depth (TWD) (ft.): 13  
    Private WSW     Public WSW Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 4.32 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 8.68 1 casing volume (CV = LWC x C) (gals.): 0.41 3 casing volumes (3 x CV) (gals.): 1.23

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.41</u>	<u>0.82</u>	<u>1.23</u>	<u>1.64</u>	<u>2.05</u>		
Time (military)	<u>1211</u>	<u>1215</u>	<u>1219</u>	<u>1221</u>	<u>1224</u>	<u>1226</u>		
PH (s.u.)	<u>6.82</u>	<u>6.87</u>	<u>6.89</u>	<u>6.90</u>	<u>6.87</u>	<u>6.89</u>		
Specific Conductivity (µS/cm)	<u>0.53</u>	<u>0.54</u>	<u>0.51</u>	<u>0.52</u>	<u>0.53</u>	<u>0.53</u>		
Water Temperature (°C)	<u>33.8</u>	<u>31.8</u>	<u>31.7</u>	<u>31.2</u>	<u>31.6</u>	<u>31.5</u>		
Turbidity (NTU)	<u>520</u>	<u>421</u>	<u>64.5</u>	<u>25.5</u>	<u>12.91</u>	<u>9.99</u>		
Dissolved Oxygen (mg/L)	<u>0.08</u>	<u>0.24</u>	<u>0.26</u>	<u>0.24</u>	<u>0.24</u>	<u>0.22</u>		

### Sampling Data

Sampled By: CP Rullo Sampling Time: 1228 Duplicate: Y or N If yes, Duplicate Time: \_\_\_\_\_

Notes: No Odor or Sheen

Signature: CP Rullo



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/7/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: Overcast Ambient Air Temp (°F): 74

### Quality Assurance

Meter Name	Serial #:	Calibration:
Hannah 991301 (pH, Sp. Cond., Temp)	TA07240067	pH 4.0: Y or N pH 7.0: Y or N pH 10.0: Y or N S.C.: Y or N
YSI 55 (Dissolved Oxygen)	9831329	Y or N
Oakton T-100 (Turbidity)	349780	0.0 NTU: Y or N 1.0 NTU: Y or N 10.0 NTU: Y or N

### Well Information

Well ID: LPH-TW-01 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer X Pump  
X MW IW RW Other Private WSW Public WSW Screened Interval (ft.): 5 to 15 Total Well Depth (TWD) (ft.): 15  
Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 7.41 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 7.59 1 casing volume (CV = LWC x C) (gals.): 0.36 3 casing volumes (3 x CV) (gals.): 1.08

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	N/A	0.36	0.72	1.08				
Time (military)	0907	0910	0913	0916				
PH (s.u.)	6.83	6.87	6.83	6.82				
Specific Conductivity (µS/cm)	0.53	0.41	0.39	0.39				
Water Temperature (°C)	25.2	25.1	25.0	25.0				
Turbidity (NTU)	325	206	29.4	9.45				
Dissolved Oxygen (mg/L)	0.30	0.29	0.31	0.31				

### Sampling Data

Sampled By: CP Pullman Sampling Time: 0917 Duplicate: Y or N If yes, Duplicate Time:

Notes: 2 ft of riser above ground (13 ft well)  
No Sheen or Odor

Signature: CP Pullman



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/6/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP, DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: Clear Ambient Air Temp (°F): 81

### Quality Assurance

Meter Name	Serial #:	Calibration:
Hannah 991301 (pH, Sp. Cond., Temp)	TA07240067	pH 4.0: <input checked="" type="radio"/> Y or N pH 7.0: <input checked="" type="radio"/> Y or N pH 10.0: <input checked="" type="radio"/> Y or N S.C.: <input checked="" type="radio"/> Y or N
YSI 55 (Dissolved Oxygen)	9831329	<input checked="" type="radio"/> Y or N
Oakton T-100 (Turbidity)	349780	0.0 NTU: <input checked="" type="radio"/> Y or N 1.0 NTU: <input checked="" type="radio"/> Y or N 10.0 NTU: <input checked="" type="radio"/> Y or N

### Well Information

Well ID: SCSPA-TW-01 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer ☐ Pump ☐  
☒ MW ☐ IW ☐ RW ☐ Other ☐ Private WSW ☐ Public WSW Screened Interval (ft.): 4.5 to 14.5 Total Well Depth (TWD) (ft.): 14.50  
Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 7.24 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 7.26 1 casing volume (CV = LWC x C) (gals.): 0.34 3 casing volumes (3 x CV) (gals.): 1.02

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.34</u>	<u>0.68</u>	<u>1.02</u>				
Time (military)	<u>1055</u>	<u>1100</u>	<u>1104</u>	<u>1108</u>				
PH (s.u.)	<u>6.88</u>	<u>6.84</u>	<u>6.82</u>	<u>6.84</u>				
Specific Conductivity (µS/cm)	<u>1.78</u>	<u>1.82</u>	<u>1.81</u>	<u>1.79</u>				
Water Temperature (°C)	<u>23.7</u>	<u>23.2</u>	<u>22.9</u>	<u>22.7</u>				
Turbidity (NTU)	<u>481</u>	<u>118</u>	<u>13.21</u>	<u>7.43</u>				
Dissolved Oxygen (mg/L)	<u>0.03</u>	<u>0.05</u>	<u>0.05</u>	<u>0.06</u>				

### Sampling Data

Sampled By: CP Sampling Time: 1110 Duplicate: Y or ☒ N If yes, Duplicate Time: N/A  
Notes: No Odor or Sheen

Signature: CP





## Field Data Information Sheet – Sampling

### Site Information

Date: 8/6/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: Clear/Cloudy Ambient Air Temp (°F): 85

### Quality Assurance

Meter Name: \_\_\_\_\_ Serial #: \_\_\_\_\_ Calibration: \_\_\_\_\_  
Hannah 991301 (pH, Sp. Cond., Temp) TA07240067 pH 4.0: Y or N pH 7.0: Y or N pH 10.0: Y or N S.C.: Y or N  
YSI 55 (Dissolved Oxygen) 9831329 Y or N  
Oakton T-100 (Turbidity) 349780 0.0 NTU: Y or N 1.0 NTU: Y or N 10.0 NTU: Y or N

### Well Information

Well ID: SCSPA-TW02 Well Diameter (ft.): 1 in Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer X Pump  
X MW    IW    RW    Other \_\_\_\_\_ Screened Interval (ft.): 5 to 15 Total Well Depth (TWD) (ft.): 15  
   Private WSW    Public WSW Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 7.52 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 7.48 1 casing volume (CV = LWC x C) (gals.): 0.35 3 casing volumes (3 x CV) (gals.): 1.05

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.35</u>	<u>0.70</u>	<u>1.05</u>				
Time (military)	<u>1347</u>	<u>1351</u>	<u>1355</u>	<u>1359</u>				
PH (s.u.)	<u>6.21</u>	<u>6.29</u>	<u>6.30</u>	<u>6.32</u>				
Specific Conductivity (µS/cm)	<u>0.39</u>	<u>0.39</u>	<u>0.40</u>	<u>0.40</u>				
Water Temperature (°C)	<u>30.5</u>	<u>28.8</u>	<u>28.0</u>	<u>27.8</u>				
Turbidity (NTU)	<u>168</u>	<u>25.9</u>	<u>8.29</u>	<u>5.88</u>				
Dissolved Oxygen (mg/L)	<u>0.20</u>	<u>0.27</u>	<u>0.34</u>	<u>0.28</u>				

### Sampling Data

Sampled By: CP Sampling Time: 1402 Duplicate: Y or N If yes, Duplicate Time: N/A  
Notes: No Odor or Slime

Signature: CP



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/6/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: 79°F Overcast Ambient Air Temp (°F): 79

### Quality Assurance

Meter Name	Serial #:	Calibration:				
Hannah 991301 (pH, Sp. Cond., Temp)	TA07240067	pH 4.0: <u>Y</u> or N	pH 7.0: <u>Y</u> or N	pH 10.0: <u>Y</u> or N	S.C. <u>Y</u> or N	
YSI 55 (Dissolved Oxygen)	9831329	<u>Y</u> or N				
Oakton T-100 (Turbidity)	349780	0.0 NTU: <u>Y</u> or N	1.0 NTU: <u>Y</u> or N	10.0 NTU: <u>Y</u> or N		

### Well Information

Well ID: SCSPA-TW-03 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer ☒ Pump  
☒ MW ☐ IW ☐ RW ☐ Other ☐ Private WSW ☐ Public WSW Screened Interval (ft.): 5 to 15 Total Well Depth (TWD) (ft.): 14.8 15.0  
Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 6.61 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 7.49 1 casing volume (CV = LWC x C) (gals.): 0.35 3 casing volumes (3 x CV) (gals.): 1.05

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.35</u>	<u>0.70</u>	<u>1.05</u>	<u>1.40</u>	<u>1.75</u>		
Time (military)	<u>0958</u>	<u>1003</u>	<u>1007</u>	<u>1010</u>	<u>1014</u>	<u>1018</u>		
PH (s.u.)	<u>7.31</u>	<u>7.28</u>	<u>7.26</u>	<u>7.25</u>	<u>7.25</u>	<u>7.30</u>		
Specific Conductivity (µS/cm)	<u>2.27</u>	<u>2.21</u>	<u>2.33</u>	<u>2.26</u>	<u>2.24</u>	<u>2.31</u>		
Water Temperature (°C)	<u>27.3</u>	<u>27.0</u>	<u>27.0</u>	<u>26.8</u>	<u>27.2</u>	<u>27.2</u>		
Turbidity (NTU)	<u>12.51</u>	<u>402</u>	<u>223</u>	<u>139</u>	<u>35.0</u>	<u>5.03</u>		
Dissolved Oxygen (mg/L)	<u>0.04</u>	<u>0.04</u>	<u>0.01</u>	<u>0.01</u>	<u>0.02</u>	<u>0.02</u>		

### Sampling Data

Sampled By: CP Sampling Time: 1020 Duplicate: Y or N If yes, Duplicate Time:

Notes: 2.2 ft riser (13.8 ft well)  
No Odor, No Sheen

Signature: CP



## Field Data Information Sheet – Sampling

### Site Information

Date: 8/6/25 Site ID #: 200424A Phase 120 Site Name: I-526 Long Point Road Field Personnel: CP DC  
County: Charleston Project Manager: Mary Beth Cline General Weather Conditions: Clear Ambient Air Temp (°F): 82

### Quality Assurance

Meter Name: Hannah 991301 (pH, Sp. Cond., Temp) Serial #: TA07240067 Calibration: pH 4.0: Y or N pH 7.0: Y or N pH 10.0: Y or N S.C.: Y or N  
YSI 55 (Dissolved Oxygen) 9831329 Y or N  
Oakton T-100 (Turbidity) 349780 0.0 NTU: Y or N 1.0 NTU: Y or N 10.0 NTU: Y or N

### Well Information

Well ID: SCSPA-TW-04 Well Diameter (ft.): 1 inch Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 Method of Purging/Sample Collection: Bailer X Pump  
X MW     IW     RW     Other     Screened Interval (ft.): 5 to 15 Total Well Depth (TWD) (ft.): 15  
    Private WSW     Public WSW Depth to Free Product (DFP) (ft.): N/A Depth to Groundwater (DGW) (ft.): 8.52 Free Product Thickness (ft.): N/A  
Length of water column (LWC = TWD – DGW) (ft.): 6.48 1 casing volume (CV = LWC x C) (gals.): 0.30 3 casing volumes (3 x CV) (gals.): 0.90

### Purging Data

	Initial	1 <sup>st</sup> Vol.	2 <sup>nd</sup> Vol.	3 <sup>rd</sup> Vol.	4 <sup>th</sup> Vol.	5 <sup>th</sup> Vol.	Post	Sampling
Volume Purged (gallons)	<u>N/A</u>	<u>0.30</u>	<u>0.60</u>	<u>0.90</u>				
Time (military)	<u>1258</u>	<u>1303</u>	<u>1307</u>	<u>1310</u>				
PH (s.u.)	<u>6.32</u>	<u>6.23</u>	<u>6.22</u>	<u>6.23</u>				
Specific Conductivity (µS/cm)	<u>0.29</u>	<u>0.28</u>	<u>0.28</u>	<u>0.26</u>				
Water Temperature (°C)	<u>32.7</u>	<u>27.5</u>	<u>27.6</u>	<u>27.5</u>				
Turbidity (NTU)	<u>3.76</u>	<u>63.6</u>	<u>22.8</u>	<u>6.77</u>				
Dissolved Oxygen (mg/L)	<u>0.04</u>	<u>0.23</u>	<u>0.30</u>	<u>0.20</u>				

### Sampling Data

Sampled By: CP Cline Sampling Time: 1312 Duplicate: Y or N If yes, Duplicate Time:    

Notes: 1 ft rise above ground surface (14 ft well BG)

No Odor or Shuen

Signature: CP Cline

## **Appendix VI – Soil Sample Laboratory Analytical Reports**

**S&ME Inc. - Mt. Pleasant SC**

Sample Delivery Group: L1885647  
Samples Received: 08/06/2025  
Project Number: 200424A PHASE 120  
Description: I-526 Long Point Road

Report To: Mary Beth Cline  
620 Wando Park Blvd  
Mt. Pleasant, SC 29464

Entire Report Reviewed By:



Heather J Wagner  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](https://mydata.pacelabs.com)

# TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
WT-SS-01 L1885647-01	6
WT-SS-02 L1885647-02	8
BTT-SS-01 L1885647-03	10
LPH-SS-01 L1885647-04	12
WF&T-SS-02 L1885647-05	14
WF&T-SS-01 L1885647-06	16
TRIP BLANK L1885647-07	18
Qc: Quality Control Summary	19
Total Solids by Method 2540 G-2011	19
Volatile Organic Compounds (GC/MS) by Method 8260D	21
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	27
Gl: Glossary of Terms	30
Al: Accreditations & Locations	31
Sc: Sample Chain of Custody	32

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

# SAMPLE SUMMARY

## WT-SS-01 L1885647-01

Collected by  
David Corry

Collected date/time  
08/04/25 09:41

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577127	1	08/12/25 12:43	08/12/25 12:51	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575256	1	08/04/25 09:41	08/07/25 22:19	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 11:09	KB	Mt. Juliet, TN

## WT-SS-02 L1885647-02

Collected by  
David Corry

Collected date/time  
08/04/25 09:57

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577128	1	08/12/25 11:53	08/12/25 12:03	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575256	1	08/04/25 09:57	08/07/25 22:38	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 09:58	VDR	Mt. Juliet, TN

## BTT-SS-01 L1885647-03

Collected by  
David Corry

Collected date/time  
08/04/25 10:18

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577128	1	08/12/25 11:53	08/12/25 12:03	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575256	1	08/04/25 10:18	08/07/25 22:57	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 09:41	VDR	Mt. Juliet, TN

## LPH-SS-01 L1885647-04

Collected by  
David Corry

Collected date/time  
08/04/25 11:07

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577128	1	08/12/25 11:53	08/12/25 12:03	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575256	1	08/04/25 11:07	08/07/25 23:16	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 13:48	DMG	Mt. Juliet, TN

## WF&T-SS-02 L1885647-05

Collected by  
David Corry

Collected date/time  
08/04/25 12:42

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577128	1	08/12/25 11:53	08/12/25 12:03	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575256	1	08/04/25 12:42	08/07/25 23:35	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 14:06	DMG	Mt. Juliet, TN

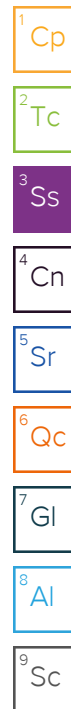
## WF&T-SS-01 L1885647-06

Collected by  
David Corry

Collected date/time  
08/04/25 13:04

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577128	1	08/12/25 11:53	08/12/25 12:03	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575256	1.06	08/04/25 13:04	08/07/25 23:54	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 14:23	DMG	Mt. Juliet, TN





## SAMPLE SUMMARY

TRIP BLANK L1885647-07

Collected by  
David Corry

Collected date/time  
08/04/25 00:00

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatiles Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 14:12	08/08/25 14:12	JAH	Mt. Juliet, TN

<sup>1</sup>Cp

 ${}^2\text{Tc}$ 

<sup>3</sup>Ss

$$^4\text{Cn}$$
 ${}^5\text{Sr}$  ${}^6\text{Qc}$ <sup>7</sup>GI ${}^8\text{Al}$  ${}^9\text{Sc}$

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner  
Project Manager



## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.6		1	08/12/2025 12:51	<a href="#">WG2577127</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND		0.117	0.168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Benzene	ND		0.00120	0.00168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Bromobenzene	ND		0.00656	0.0210	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Bromodichloromethane	ND		0.00197	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Bromoform	ND		0.0167	0.0421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Bromomethane	ND		0.0170	0.0210	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Carbon disulfide	ND		0.00897	0.0210	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Carbon tetrachloride	ND		0.00506	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Chlorobenzene	ND		0.00144	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Chlorodibromomethane	ND		0.00271	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Chloroethane	ND		0.00957	0.0168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Chloroform	ND		0.00273	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Chloromethane	ND		0.0143	0.0210	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,2-Dibromo-3-Chloropropane	ND		0.0180	0.0421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,2-Dibromoethane	ND		0.00212	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,2-Dichlorobenzene	ND		0.00262	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,3-Dichlorobenzene	ND		0.00278	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,4-Dichlorobenzene	ND		0.00294	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,1-Dichloroethane	ND		0.00170	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,2-Dichloroethane	ND		0.00246	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,1-Dichloroethene	ND		0.00257	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
cis-1,2-Dichloroethene	ND		0.00217	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
trans-1,2-Dichloroethene	ND		0.00175	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,2-Dichloropropane	ND		0.00323	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
cis-1,3-Dichloropropene	ND		0.00177	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
trans-1,3-Dichloropropene	ND		0.00177	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Di-isopropyl ether	ND		0.00129	0.00168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Ethylbenzene	ND		0.00166	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
2-Butanone (MEK)	ND		0.149	0.168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
2-Hexanone	ND		0.0271	0.0421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Methylene Chloride	ND		0.0185	0.0421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0167	0.0421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Methyl tert-butyl ether	ND		0.00130	0.00168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Naphthalene	ND		0.0128	0.0210	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Styrene	ND		0.00749	0.0210	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,1,2,2-Tetrachloroethane	ND		0.00195	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Tetrachloroethene	ND		0.00256	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Toluene	ND		0.00486	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,1,1-Trichloroethane	ND		0.00244	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,1,2-Trichloroethane	ND		0.00225	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Trichloroethene	ND		0.00150	0.00168	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Vinyl chloride	ND		0.00338	0.00421	1	08/07/2025 22:19	<a href="#">WG2575256</a>
Xylenes, Total	ND		0.00471	0.0109	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00473	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
1,2,3-Trimethylbenzene	ND		0.00306	0.00841	1	08/07/2025 22:19	<a href="#">WG2575256</a>
(S) Toluene-d8	108			75.0-131		08/07/2025 22:19	<a href="#">WG2575256</a>
(S) 4-Bromofluorobenzene	93.3			67.0-138		08/07/2025 22:19	<a href="#">WG2575256</a>
(S) 1,2-Dichloroethane-d4	96.9			70.0-130		08/07/2025 22:19	<a href="#">WG2575256</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00219	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00217	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00213	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00268	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00219	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00369	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00259	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00286	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Chrysene	ND		0.00276	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00269	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00320	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Fluorene	ND		0.00241	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00314	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Naphthalene	ND		0.00776	0.0268	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00409	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Pyrene	ND		0.00275	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00294	0.0268	1	08/13/2025 11:09	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00766	0.0268	1	08/13/2025 11:09	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00173	0.0268	1	08/13/2025 11:09	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00212	0.00804	1	08/13/2025 11:09	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	60.7			14.0-149		08/13/2025 11:09	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	85.4			34.0-125		08/13/2025 11:09	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	72.7			23.0-120		08/13/2025 11:09	<a href="#">WG2577104</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

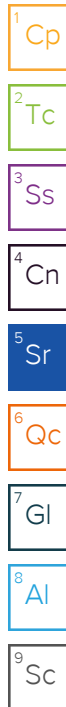
9 Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.3		1	08/12/2025 12:03	<a href="#">WG2577128</a>

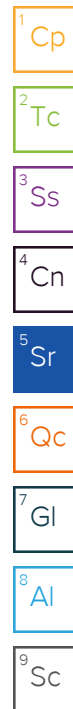
## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND		0.100	0.144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Benzene	ND		0.00102	0.00144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Bromobenzene	ND		0.00561	0.0180	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Bromodichloromethane	ND		0.00168	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Bromoform	ND		0.0143	0.0359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Bromomethane	ND		0.0145	0.0180	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Carbon disulfide	ND		0.00766	0.0180	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Carbon tetrachloride	ND		0.00433	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Chlorobenzene	ND		0.00123	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Chlorodibromomethane	ND		0.00231	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Chloroethane	ND		0.00818	0.0144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Chloroform	ND		0.00233	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Chloromethane	ND		0.0122	0.0180	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,2-Dibromo-3-Chloropropane	ND		0.0154	0.0359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,2-Dibromoethane	ND		0.00181	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,2-Dichlorobenzene	ND		0.00224	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,3-Dichlorobenzene	ND		0.00237	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,4-Dichlorobenzene	ND		0.00252	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,1-Dichloroethane	ND		0.00145	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,2-Dichloroethane	ND		0.00210	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,1-Dichloroethene	ND		0.00220	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
cis-1,2-Dichloroethene	ND		0.00185	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
trans-1,2-Dichloroethene	ND		0.00150	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,2-Dichloropropane	ND		0.00276	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
cis-1,3-Dichloropropene	ND		0.00151	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
trans-1,3-Dichloropropene	ND		0.00151	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Di-isopropyl ether	ND		0.00111	0.00144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Ethylbenzene	ND		0.00142	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
2-Butanone (MEK)	ND		0.128	0.144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
2-Hexanone	ND		0.0231	0.0359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Methylene Chloride	ND		0.0158	0.0359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0143	0.0359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Methyl tert-butyl ether	ND		0.00111	0.00144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Naphthalene	ND		0.0110	0.0180	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Styrene	ND		0.00640	0.0180	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,1,2,2-Tetrachloroethane	ND		0.00167	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Tetrachloroethene	ND		0.00219	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Toluene	ND		0.00415	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,1,1-Trichloroethane	ND		0.00208	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,1,2-Trichloroethane	ND		0.00193	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Trichloroethene	ND		0.00128	0.00144	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Vinyl chloride	ND		0.00289	0.00359	1	08/07/2025 22:38	<a href="#">WG2575256</a>
Xylenes, Total	ND		0.00403	0.00934	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00404	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
1,2,3-Trimethylbenzene	ND		0.00262	0.00719	1	08/07/2025 22:38	<a href="#">WG2575256</a>
(S) Toluene-d8	106			75.0-131		08/07/2025 22:38	<a href="#">WG2575256</a>
(S) 4-Bromofluorobenzene	95.1			67.0-138		08/07/2025 22:38	<a href="#">WG2575256</a>
(S) 1,2-Dichloroethane-d4	95.3			70.0-130		08/07/2025 22:38	<a href="#">WG2575256</a>



## Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00198	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00197	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00193	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00243	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Benzo(a)pyrene	0.00209	LC	0.00198	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00334	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00234	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00259	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Chrysene	ND		0.00250	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00244	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Fluoranthene	0.00357	LC	0.00290	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Fluorene	ND		0.00219	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00284	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Naphthalene	ND		0.00703	0.0243	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00370	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Pyrene	0.00294	LC	0.00249	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
1-Methylnaphthalene	0.00270	LC	0.00266	0.0243	1	08/13/2025 09:58	<a href="#">WG2577104</a>
2-Methylnaphthalene	0.00865	LC	0.00693	0.0243	1	08/13/2025 09:58	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00157	0.0243	1	08/13/2025 09:58	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00192	0.00729	1	08/13/2025 09:58	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	99.3			14.0-149		08/13/2025 09:58	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	104			34.0-125		08/13/2025 09:58	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	110			23.0-120		08/13/2025 09:58	<a href="#">WG2577104</a>



## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.7		1	08/12/2025 12:03	<a href="#">WG2577128</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND		0.117	0.168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Benzene	ND		0.00119	0.00168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Bromobenzene	ND		0.00655	0.0210	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Bromodichloromethane	ND		0.00197	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Bromoform	ND		0.0167	0.0420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Bromomethane	ND		0.0170	0.0210	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Carbon disulfide	ND		0.00896	0.0210	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Carbon tetrachloride	ND		0.00506	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Chlorobenzene	ND		0.00144	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Chlorodibromomethane	ND		0.00271	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Chloroethane	ND		0.00956	0.0168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Chloroform	ND		0.00272	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Chloromethane	ND		0.0143	0.0210	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,2-Dibromo-3-Chloropropane	ND		0.0180	0.0420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,2-Dibromoethane	ND		0.00212	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,2-Dichlorobenzene	ND		0.00262	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,3-Dichlorobenzene	ND		0.00277	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,4-Dichlorobenzene	ND		0.00294	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,1-Dichloroethane	ND		0.00170	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,2-Dichloroethane	ND		0.00245	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,1-Dichloroethene	ND		0.00257	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
cis-1,2-Dichloroethene	ND		0.00217	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
trans-1,2-Dichloroethene	ND		0.00175	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,2-Dichloropropane	ND		0.00323	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
cis-1,3-Dichloropropene	ND		0.00176	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
trans-1,3-Dichloropropene	ND		0.00176	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Di-isopropyl ether	ND		0.00129	0.00168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Ethylbenzene	ND		0.00166	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
2-Butanone (MEK)	ND		0.149	0.168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
2-Hexanone	ND		0.0271	0.0420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Methylene Chloride	ND		0.0185	0.0420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0167	0.0420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Methyl tert-butyl ether	ND		0.00130	0.00168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Naphthalene	ND		0.0128	0.0210	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Styrene	ND		0.00748	0.0210	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,1,2,2-Tetrachloroethane	ND		0.00195	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Tetrachloroethene	ND		0.00255	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Toluene	ND		0.00486	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,1,1-Trichloroethane	ND		0.00244	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,1,2-Trichloroethane	ND		0.00225	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Trichloroethene	ND		0.00150	0.00168	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Vinyl chloride	ND		0.00338	0.00420	1	08/07/2025 22:57	<a href="#">WG2575256</a>
Xylenes, Total	ND		0.00470	0.0109	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00472	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
1,2,3-Trimethylbenzene	ND		0.00306	0.00840	1	08/07/2025 22:57	<a href="#">WG2575256</a>
(S) Toluene-d8	106			75.0-131		08/07/2025 22:57	<a href="#">WG2575256</a>
(S) 4-Bromofluorobenzene	95.6			67.0-138		08/07/2025 22:57	<a href="#">WG2575256</a>
(S) 1,2-Dichloroethane-d4	94.0			70.0-130		08/07/2025 22:57	<a href="#">WG2575256</a>



Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00218	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00217	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00213	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00268	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00218	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00368	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00258	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00285	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Chrysene	ND		0.00276	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00269	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00320	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Fluorene	ND		0.00241	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00313	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Naphthalene	ND		0.00775	0.0268	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00408	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Pyrene	ND		0.00274	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
1-Methylnaphthalene	0.00497	LC	0.00293	0.0268	1	08/13/2025 09:41	<a href="#">WG2577104</a>
2-Methylnaphthalene	0.0115	LC	0.00764	0.0268	1	08/13/2025 09:41	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00173	0.0268	1	08/13/2025 09:41	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00211	0.00803	1	08/13/2025 09:41	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	100			14.0-149		08/13/2025 09:41	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	92.3			34.0-125		08/13/2025 09:41	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	80.9			23.0-120		08/13/2025 09:41	<a href="#">WG2577104</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	70.6		1	08/12/2025 12:03	<a href="#">WG2577128</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND		0.129	0.184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Benzene	ND		0.00131	0.00184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Bromobenzene	ND		0.00719	0.0231	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Bromodichloromethane	ND		0.00216	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Bromoform	ND		0.0183	0.0461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Bromomethane	ND		0.0186	0.0231	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Carbon disulfide	ND		0.00983	0.0231	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Carbon tetrachloride	ND		0.00555	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Chlorobenzene	ND		0.00158	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Chlorodibromomethane	ND		0.00297	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Chloroethane	ND		0.0105	0.0184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Chloroform	ND		0.00299	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Chloromethane	ND		0.0157	0.0231	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,2-Dibromo-3-Chloropropane	ND		0.0197	0.0461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,2-Dibromoethane	ND		0.00232	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,2-Dichlorobenzene	ND		0.00288	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,3-Dichlorobenzene	ND		0.00304	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,4-Dichlorobenzene	ND		0.00323	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,1-Dichloroethane	ND		0.00186	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,2-Dichloroethane	ND		0.00269	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,1-Dichloroethene	ND		0.00282	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
cis-1,2-Dichloroethene	ND		0.00238	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
trans-1,2-Dichloroethene	ND		0.00192	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,2-Dichloropropane	ND		0.00354	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
cis-1,3-Dichloropropene	ND		0.00194	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
trans-1,3-Dichloropropene	ND		0.00194	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Di-isopropyl ether	ND		0.00142	0.00184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Ethylbenzene	ND		0.00182	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
2-Butanone (MEK)	ND		0.164	0.184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
2-Hexanone	ND		0.0297	0.0461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Methylene Chloride	ND		0.0203	0.0461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0183	0.0461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Methyl tert-butyl ether	ND		0.00143	0.00184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Naphthalene	ND		0.0141	0.0231	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Styrene	ND		0.00821	0.0231	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,1,2,2-Tetrachloroethane	ND		0.00214	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Tetrachloroethene	ND		0.00280	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Toluene	ND		0.00533	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,1,1-Trichloroethane	ND		0.00267	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,1,2-Trichloroethane	ND		0.00247	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Trichloroethene	ND		0.00164	0.00184	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Vinyl chloride	ND		0.00371	0.00461	1	08/07/2025 23:16	<a href="#">WG2575256</a>
Xylenes, Total	ND		0.00516	0.0120	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00518	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
1,2,3-Trimethylbenzene	ND		0.00336	0.00922	1	08/07/2025 23:16	<a href="#">WG2575256</a>
(S) Toluene-d8	109			75.0-131		08/07/2025 23:16	<a href="#">WG2575256</a>
(S) 4-Bromofluorobenzene	93.3			67.0-138		08/07/2025 23:16	<a href="#">WG2575256</a>
(S) 1,2-Dichloroethane-d4	93.6			70.0-130		08/07/2025 23:16	<a href="#">WG2575256</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00231	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00229	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00225	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00283	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Benzo(a)pyrene	0.00312	LC	0.00231	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	0.00695	LC	0.00390	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	0.00588	LC	0.00273	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00302	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Chrysene	0.00388	LC	0.00292	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00285	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Fluoranthene	0.00656	LC	0.00339	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Fluorene	ND		0.00255	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	0.00363	LC	0.00331	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Naphthalene	ND		0.00820	0.0283	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00432	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Pyrene	0.00636	LC	0.00290	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00310	0.0283	1	08/13/2025 13:48	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00809	0.0283	1	08/13/2025 13:48	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00183	0.0283	1	08/13/2025 13:48	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00224	0.00850	1	08/13/2025 13:48	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	58.1			14.0-149		08/13/2025 13:48	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	73.8			34.0-125		08/13/2025 13:48	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	60.4			23.0-120		08/13/2025 13:48	<a href="#">WG2577104</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

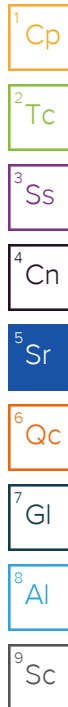
9 Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	08/12/2025 12:03	<a href="#">WG2577128</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.130	J	0.105	0.150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Benzene	ND		0.00107	0.00150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Bromobenzene	ND		0.00585	0.0188	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Bromodichloromethane	ND		0.00176	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Bromoform	ND		0.0149	0.0375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Bromomethane	ND		0.0152	0.0188	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Carbon disulfide	ND		0.00800	0.0188	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Carbon tetrachloride	ND		0.00452	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Chlorobenzene	ND		0.00129	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Chlorodibromomethane	ND		0.00242	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Chloroethane	ND		0.00854	0.0150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Chloroform	ND		0.00243	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Chloromethane	ND		0.0128	0.0188	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,2-Dibromo-3-Chloropropane	ND		0.0161	0.0375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,2-Dibromoethane	ND		0.00189	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,2-Dichlorobenzene	ND		0.00234	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,3-Dichlorobenzene	ND		0.00248	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,4-Dichlorobenzene	ND		0.00263	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,1-Dichloroethane	ND		0.00152	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,2-Dichloroethane	ND		0.00219	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,1-Dichloroethene	ND		0.00230	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
cis-1,2-Dichloroethene	ND		0.00194	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
trans-1,2-Dichloroethene	ND		0.00156	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,2-Dichloropropane	ND		0.00288	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
cis-1,3-Dichloropropene	ND		0.00158	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
trans-1,3-Dichloropropene	ND		0.00158	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Di-isopropyl ether	ND		0.00115	0.00150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Ethylbenzene	ND		0.00148	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
2-Butanone (MEK)	ND		0.133	0.150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
2-Hexanone	ND		0.0242	0.0375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Methylene Chloride	ND		0.0165	0.0375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0149	0.0375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Methyl tert-butyl ether	ND		0.00116	0.00150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Naphthalene	ND		0.0115	0.0188	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Styrene	ND		0.00668	0.0188	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,1,2,2-Tetrachloroethane	ND		0.00174	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Tetrachloroethene	ND		0.00228	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Toluene	ND		0.00434	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,1,1-Trichloroethane	ND		0.00218	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,1,2-Trichloroethane	ND		0.00201	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Trichloroethene	ND		0.00134	0.00150	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Vinyl chloride	ND		0.00302	0.00375	1	08/07/2025 23:35	<a href="#">WG2575256</a>
Xylenes, Total	ND		0.00420	0.00976	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00422	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
1,2,3-Trimethylbenzene	ND		0.00273	0.00751	1	08/07/2025 23:35	<a href="#">WG2575256</a>
(S) Toluene-d8	108			75.0-131		08/07/2025 23:35	<a href="#">WG2575256</a>
(S) 4-Bromofluorobenzene	92.5			67.0-138		08/07/2025 23:35	<a href="#">WG2575256</a>
(S) 1,2-Dichloroethane-d4	91.4			70.0-130		08/07/2025 23:35	<a href="#">WG2575256</a>



Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00201	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00199	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00196	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00246	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00201	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00338	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00238	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00262	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Chrysene	ND		0.00254	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00247	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00294	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Fluorene	ND		0.00222	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00288	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Naphthalene	ND		0.00713	0.0246	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00375	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Pyrene	ND		0.00252	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00270	0.0246	1	08/13/2025 14:06	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00703	0.0246	1	08/13/2025 14:06	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00159	0.0246	1	08/13/2025 14:06	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00194	0.00739	1	08/13/2025 14:06	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	72.5			14.0-149		08/13/2025 14:06	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	84.6			34.0-125		08/13/2025 14:06	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	79.8			23.0-120		08/13/2025 14:06	<a href="#">WG2577104</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

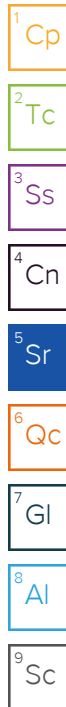
9  
Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.5		1	08/12/2025 12:03	<a href="#">WG2577128</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND		0.116	0.166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Benzene	ND		0.00118	0.00166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Bromobenzene	ND		0.00646	0.0208	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Bromodichloromethane	ND		0.00194	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Bromoform	ND		0.0164	0.0414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Bromomethane	ND		0.0167	0.0208	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Carbon disulfide	ND		0.00883	0.0208	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Carbon tetrachloride	ND		0.00499	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Chlorobenzene	ND		0.00142	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Chlorodibromomethane	ND		0.00267	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Chloroethane	ND		0.00943	0.0166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Chloroform	ND		0.00269	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Chloromethane	ND		0.0141	0.0208	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,2-Dibromo-3-Chloropropane	ND		0.0177	0.0414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,2-Dibromoethane	ND		0.00210	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,2-Dichlorobenzene	ND		0.00258	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,3-Dichlorobenzene	ND		0.00274	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,4-Dichlorobenzene	ND		0.00291	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,1-Dichloroethane	ND		0.00167	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,2-Dichloroethane	ND		0.00242	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,1-Dichloroethene	ND		0.00253	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
cis-1,2-Dichloroethene	ND		0.00214	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
trans-1,2-Dichloroethene	ND		0.00172	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,2-Dichloropropane	ND		0.00319	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
cis-1,3-Dichloropropene	ND		0.00174	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
trans-1,3-Dichloropropene	ND		0.00174	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Di-isopropyl ether	ND		0.00127	0.00166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Ethylbenzene	ND		0.00164	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
2-Butanone (MEK)	ND		0.147	0.166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
2-Hexanone	ND		0.0267	0.0414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Methylene Chloride	ND		0.0183	0.0414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0164	0.0414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Methyl tert-butyl ether	ND		0.00128	0.00166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Naphthalene	ND		0.0126	0.0208	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Styrene	ND		0.00738	0.0208	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,1,2,2-Tetrachloroethane	ND		0.00192	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Tetrachloroethene	ND		0.00252	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Toluene	ND		0.00478	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,1,1-Trichloroethane	ND		0.00241	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,1,2-Trichloroethane	ND		0.00222	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Trichloroethene	ND		0.00148	0.00166	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Vinyl chloride	ND		0.00333	0.00414	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
Xylenes, Total	ND		0.00464	0.0108	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00466	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
1,2,3-Trimethylbenzene	ND		0.00302	0.00829	1.06	08/07/2025 23:54	<a href="#">WG2575256</a>
(S) Toluene-d8	108			75.0-131		08/07/2025 23:54	<a href="#">WG2575256</a>
(S) 4-Bromofluorobenzene	95.4			67.0-138		08/07/2025 23:54	<a href="#">WG2575256</a>
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		08/07/2025 23:54	<a href="#">WG2575256</a>



Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00210	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00209	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00205	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00258	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00210	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00355	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00249	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00275	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Chrysene	ND		0.00266	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00259	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00308	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Fluorene	ND		0.00232	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00302	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Naphthalene	0.00996	LC	0.00747	0.0258	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00394	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Pyrene	ND		0.00265	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
1-Methylnaphthalene	0.0115	LC	0.00283	0.0258	1	08/13/2025 14:23	<a href="#">WG2577104</a>
2-Methylnaphthalene	0.0315		0.00737	0.0258	1	08/13/2025 14:23	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00166	0.0258	1	08/13/2025 14:23	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00204	0.00774	1	08/13/2025 14:23	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	93.7			14.0-149		08/13/2025 14:23	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	108			34.0-125		08/13/2025 14:23	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	90.7			23.0-120		08/13/2025 14:23	<a href="#">WG2577104</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc



## TRIP BLANK

Collected date/time: 08/04/25 00:00

## SAMPLE RESULTS - 07

L1885647

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 14:12	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 14:12	<a href="#">WG2575832</a>
(S) Toluene-d8	101			80.0-120		08/08/2025 14:12	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	110			77.0-126		08/08/2025 14:12	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	78.2			70.0-130		08/08/2025 14:12	<a href="#">WG2575832</a>

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Sr<sup>6</sup> Qc<sup>7</sup> Gl<sup>8</sup> Al<sup>9</sup> Sc

ACCOUNT:

S&amp;ME Inc. - Mt. Pleasant SC

PROJECT:

200424A PHASE 120

SDG:

L1885647

DATE/TIME:

08/16/25 08:48

PAGE:

18 of 32

Method Blank (MB)

(MB) R4257776-1 08/12/25 12:51

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1885629-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1885629-05 08/12/25 12:51 • (DUP) R4257776-3 08/12/25 12:51

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	74.5	74.1	1	0.489		10

Laboratory Control Sample (LCS)

(LCS) R4257776-2 08/12/25 12:51

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257775-1 08/12/25 12:03

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1885647-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1885647-05 08/12/25 12:03 • (DUP) R4257775-3 08/12/25 12:03

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	81.2	80.6	1	0.747		10

Laboratory Control Sample (LCS)

(LCS) R4257775-2 08/12/25 12:03

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4255991-3 08/07/25 17:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	ND		0.0697	0.100
Benzene	ND		0.000711	0.00100
Bromobenzene	ND		0.00390	0.0125
Bromodichloromethane	ND		0.00117	0.00250
Bromoform	ND		0.00992	0.0250
Bromomethane	ND		0.0101	0.0125
Carbon disulfide	ND		0.00533	0.0125
Carbon tetrachloride	ND		0.00301	0.00500
Chlorobenzene	ND		0.000858	0.00250
Chlorodibromomethane	ND		0.00161	0.00250
Chloroethane	ND		0.00569	0.0100
Chloroform	ND		0.00162	0.00250
Chloromethane	ND		0.00850	0.0125
1,2-Dibromo-3-Chloropropane	ND		0.0107	0.0250
1,2-Dibromoethane	ND		0.00126	0.00250
1,2-Dichlorobenzene	ND		0.00156	0.00500
1,3-Dichlorobenzene	ND		0.00165	0.00500
1,4-Dichlorobenzene	ND		0.00175	0.00500
1,1-Dichloroethane	ND		0.00101	0.00250
1,2-Dichloroethane	ND		0.00146	0.00250
1,1-Dichloroethene	ND		0.00153	0.00250
cis-1,2-Dichloroethene	ND		0.00129	0.00250
trans-1,2-Dichloroethene	ND		0.00104	0.00500
1,2-Dichloropropane	ND		0.00192	0.00500
cis-1,3-Dichloropropene	ND		0.00105	0.00250
trans-1,3-Dichloropropene	ND		0.00105	0.00500
Di-isopropyl ether	ND		0.000769	0.00100
Ethylbenzene	ND		0.000987	0.00250
2-Butanone (MEK)	ND		0.0887	0.100
2-Hexanone	ND		0.0161	0.0250
Methylene Chloride	ND		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	ND		0.00992	0.0250
Methyl tert-butyl ether	ND		0.000773	0.00100
Naphthalene	ND		0.00763	0.0125
Styrene	ND		0.00445	0.0125
1,1,2,2-Tetrachloroethane	ND		0.00116	0.00250
Tetrachloroethene	ND		0.00152	0.00250
Toluene	ND		0.00289	0.00500
1,1,1-Trichloroethane	ND		0.00145	0.00250
1,1,2-Trichloroethane	ND		0.00134	0.00250

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4255991-3 08/07/25 17:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Trichloroethene	ND		0.000891	0.00100
Vinyl chloride	ND		0.00201	0.00250
Xylenes, Total	ND		0.00280	0.00650
1,1,2-Trichlorotrifluoroethane	ND		0.00281	0.00500
1,2,3-Trimethylbenzene	ND		0.00182	0.00500
(S) Toluene-d8	105			75.0-131
(S) 4-Bromofluorobenzene	96.2			67.0-138
(S) 1,2-Dichloroethane-d4	96.8			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4255991-1 08/07/25 15:29 • (LCSD) R4255991-2 08/07/25 15:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.13	2.86	2.95	91.4	94.2	70.0-130			3.10	31
Benzene	0.625	0.544	0.572	87.0	91.5	70.0-130			5.02	20
Bromobenzene	0.625	0.596	0.637	95.4	102	70.0-130			6.65	20
Bromodichloromethane	0.625	0.585	0.605	93.6	96.8	70.0-130			3.36	20
Bromoform	0.625	0.543	0.574	86.9	91.8	70.0-130			5.55	20
Bromomethane	0.625	0.472	0.540	75.5	86.4	70.0-130			13.4	20
Carbon disulfide	0.625	0.521	0.564	83.4	90.2	70.0-130			7.93	20
Carbon tetrachloride	0.625	0.573	0.629	91.7	101	70.0-130			9.32	20
Chlorobenzene	0.625	0.553	0.587	88.5	93.9	70.0-130			5.96	20
Chlorodibromomethane	0.625	0.640	0.671	102	107	70.0-130			4.73	20
Chloroethane	0.625	0.549	0.619	87.8	99.0	70.0-130			12.0	20
Chloroform	0.625	0.537	0.574	85.9	91.8	70.0-130			6.66	20
Chloromethane	0.625	0.489	0.523	78.2	83.7	70.0-130			6.72	20
1,2-Dibromo-3-Chloropropane	0.625	0.680	0.724	109	116	70.0-130			6.27	20
1,2-Dibromoethane	0.625	0.593	0.606	94.9	97.0	70.0-130			2.17	20
1,2-Dichlorobenzene	0.625	0.585	0.624	93.6	99.8	70.0-130			6.45	20
1,3-Dichlorobenzene	0.625	0.585	0.632	93.6	101	70.0-130			7.72	20
1,4-Dichlorobenzene	0.625	0.556	0.608	89.0	97.3	70.0-130			8.93	20
1,1-Dichloroethane	0.625	0.536	0.589	85.8	94.2	70.0-130			9.42	20
1,2-Dichloroethane	0.625	0.590	0.609	94.4	97.4	70.0-130			3.17	20
1,1-Dichloroethene	0.625	0.544	0.606	87.0	97.0	70.0-130			10.8	20
cis-1,2-Dichloroethene	0.625	0.526	0.570	84.2	91.2	70.0-130			8.03	20
trans-1,2-Dichloroethene	0.625	0.506	0.555	81.0	88.8	70.0-130			9.24	20
1,2-Dichloropropane	0.625	0.590	0.607	94.4	97.1	70.0-130			2.84	20
cis-1,3-Dichloropropene	0.625	0.592	0.600	94.7	96.0	70.0-130			1.34	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4255991-1 08/07/25 15:29 • (LCSD) R4255991-2 08/07/25 15:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.625	0.629	0.640	101	102	70.0-130			1.73	20
Di-isopropyl ether	0.625	0.528	0.566	84.5	90.6	70.0-130			6.95	20
Ethylbenzene	0.625	0.557	0.593	89.1	94.9	70.0-130			6.26	20
2-Butanone (MEK)	3.13	3.65	3.27	117	104	70.0-130			11.0	24
2-Hexanone	3.13	3.17	3.31	101	106	70.0-130			4.32	20
Methylene Chloride	0.625	0.537	0.578	85.9	92.5	70.0-130			7.35	20
4-Methyl-2-pentanone (MIBK)	3.13	3.22	3.22	103	103	70.0-130			0.000	20
Methyl tert-butyl ether	0.625	0.540	0.603	86.4	96.5	70.0-130			11.0	20
Naphthalene	0.625	0.621	0.672	99.4	108	70.0-130			7.89	20
Styrene	0.625	0.576	0.609	92.2	97.4	70.0-130			5.57	20
1,1,2,2-Tetrachloroethane	0.625	0.596	0.628	95.4	100	70.0-130			5.23	20
Tetrachloroethene	0.625	0.607	0.648	97.1	104	70.0-130			6.53	20
Toluene	0.625	0.548	0.565	87.7	90.4	70.0-130			3.05	20
1,1,1-Trichloroethane	0.625	0.556	0.601	89.0	96.2	70.0-130			7.78	20
1,1,2-Trichloroethane	0.625	0.586	0.597	93.8	95.5	70.0-130			1.86	20
Trichloroethene	0.625	0.603	0.630	96.5	101	70.0-130			4.38	20
Vinyl chloride	0.625	0.500	0.538	80.0	86.1	70.0-130			7.32	20
Xylenes, Total	1.88	1.65	1.77	87.8	94.1	70.0-130			7.02	20
1,1,2-Trichlorotrifluoroethane	0.625	0.519	0.565	83.0	90.4	70.0-130			8.49	20
1,2,3-Trimethylbenzene	0.625	0.551	0.608	88.2	97.3	70.0-130			9.84	20
(S) Toluene-d8				102	99.7	75.0-131				
(S) 4-Bromofluorobenzene				94.8	95.8	67.0-138				
(S) 1,2-Dichloroethane-d4				108	106	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4257869-3 08/08/25 13:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	ND		46.9	50.0
Benzene	ND		0.320	1.00
Bromodichloromethane	ND		0.371	1.00
Bromoform	ND		0.548	1.00
Bromomethane	ND		4.85	5.00
Carbon disulfide	ND		0.510	1.00
Carbon tetrachloride	ND		0.360	1.00
Chlorobenzene	ND		0.266	1.00
Chlorodibromomethane	ND		0.398	1.00
Chloroethane	ND		2.79	5.00
Chloroform	ND		1.28	5.00
Chloromethane	ND		1.70	5.00
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00
1,2-Dibromoethane	ND		0.341	1.00
1,2-Dichlorobenzene	ND		0.304	1.00
1,3-Dichlorobenzene	ND		0.282	1.00
1,4-Dichlorobenzene	ND		0.277	1.00
1,1-Dichloroethane	ND		0.389	1.00
1,2-Dichloroethane	ND		0.395	1.00
1,1-Dichloroethene	ND		0.422	1.00
cis-1,2-Dichloroethene	ND		0.323	1.00
trans-1,2-Dichloroethene	ND		0.348	1.00
1,2-Dichloropropane	ND		0.427	1.00
cis-1,3-Dichloropropene	ND		0.348	1.00
trans-1,3-Dichloropropene	ND		0.313	1.00
Di-isopropyl ether	ND		0.105	1.00
Ethylbenzene	ND		0.234	1.00
2-Butanone (MEK)	ND		9.00	20.0
2-Hexanone	ND		5.80	20.0
Methylene Chloride	ND		1.48	5.00
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0
Methyl tert-butyl ether	ND		0.357	1.00
Naphthalene	ND		2.64	5.00
Styrene	ND		0.342	1.00
1,1,2,2-Tetrachloroethane	ND		0.354	1.00
Tetrachloroethene	ND		0.358	1.00
Toluene	ND		0.274	1.00
1,1,1-Trichloroethane	ND		0.336	1.00
1,1,2-Trichloroethane	ND		0.375	1.00
Trichloroethene	ND		0.383	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



Method Blank (MB)

(MB) R4257869-3 08/08/25 13:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.458	1.00
Xylenes, Total	ND		0.319	3.00
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00
1,2,3-Trimethylbenzene	ND		0.339	1.00
(S) Toluene-d8	99.6			80.0-120
(S) 4-Bromofluorobenzene	105			77.0-126
(S) 1,2-Dichloroethane-d4	78.8			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257869-1 08/08/25 11:55 • (LCSD) R4257869-2 08/08/25 12:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	128	124	102	99.2	70.0-130	E		3.17	27
Benzene	25.0	24.5	24.2	98.0	96.8	70.0-130			1.23	20
Bromodichloromethane	25.0	22.8	22.9	91.2	91.6	70.0-130			0.438	20
Bromoform	25.0	20.8	21.1	83.2	84.4	70.0-130			1.43	20
Bromomethane	25.0	20.0	20.6	80.0	82.4	70.0-130			2.96	25
Carbon disulfide	25.0	25.5	26.3	102	105	70.0-130			3.09	20
Carbon tetrachloride	25.0	21.9	22.3	87.6	89.2	70.0-130			1.81	20
Chlorobenzene	25.0	21.9	22.4	87.6	89.6	70.0-130			2.26	20
Chlorodibromomethane	25.0	21.6	22.7	86.4	90.8	70.0-130			4.97	20
Chloroethane	25.0	19.0	19.3	76.0	77.2	70.0-130			1.57	20
Chloroform	25.0	23.7	24.0	94.8	96.0	70.0-130			1.26	20
Chloromethane	25.0	27.6	29.1	110	116	70.0-130			5.29	20
1,2-Dibromo-3-Chloropropane	25.0	19.0	17.3	76.0	69.2	70.0-130		J4	9.37	20
1,2-Dibromoethane	25.0	21.8	21.9	87.2	87.6	70.0-130			0.458	20
1,2-Dichlorobenzene	25.0	20.7	21.7	82.8	86.8	70.0-130			4.72	20
1,3-Dichlorobenzene	25.0	21.2	22.3	84.8	89.2	70.0-130			5.06	20
1,4-Dichlorobenzene	25.0	19.8	20.3	79.2	81.2	70.0-130			2.49	20
1,1-Dichloroethane	25.0	26.5	26.9	106	108	70.0-130			1.50	20
1,2-Dichloroethane	25.0	20.6	21.0	82.4	84.0	70.0-130			1.92	20
1,1-Dichloroethene	25.0	26.7	26.9	107	108	70.0-130			0.746	20
cis-1,2-Dichloroethene	25.0	26.0	26.4	104	106	70.0-130			1.53	20
trans-1,2-Dichloroethene	25.0	26.2	26.3	105	105	70.0-130			0.381	20
1,2-Dichloropropane	25.0	26.8	27.2	107	109	70.0-130			1.48	20
cis-1,3-Dichloropropene	25.0	25.9	26.5	104	106	70.0-130			2.29	20
trans-1,3-Dichloropropene	25.0	21.9	22.4	87.6	89.6	70.0-130			2.26	20
Di-isopropyl ether	25.0	30.0	30.0	120	120	70.0-130			0.000	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257869-1 08/08/25 11:55 • (LCSD) R4257869-2 08/08/25 12:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	25.0	21.6	22.2	86.4	88.8	70.0-130			2.74	20
2-Butanone (MEK)	125	137	136	110	109	70.0-130			0.733	20
2-Hexanone	125	130	135	104	108	70.0-130			3.77	20
Methylene Chloride	25.0	23.6	24.2	94.4	96.8	70.0-130			2.51	20
4-Methyl-2-pentanone (MIBK)	125	133	133	106	106	70.0-130			0.000	20
Methyl tert-butyl ether	25.0	24.5	24.2	98.0	96.8	70.0-130			1.23	20
Naphthalene	25.0	24.2	23.2	96.8	92.8	70.0-130			4.22	20
Styrene	25.0	22.3	23.1	89.2	92.4	70.0-130			3.52	20
1,1,2,2-Tetrachloroethane	25.0	24.1	24.1	96.4	96.4	70.0-130			0.000	20
Tetrachloroethene	25.0	22.4	23.5	89.6	94.0	70.0-130			4.79	20
Toluene	25.0	22.3	23.0	89.2	92.0	70.0-130			3.09	20
1,1,1-Trichloroethane	25.0	23.4	23.4	93.6	93.6	70.0-130			0.000	20
1,1,2-Trichloroethane	25.0	23.4	24.6	93.6	98.4	70.0-130			5.00	20
Trichloroethene	25.0	23.1	24.3	92.4	97.2	70.0-130			5.06	20
Vinyl chloride	25.0	20.8	21.6	83.2	86.4	70.0-130			3.77	20
Xylenes, Total	75.0	67.0	69.1	89.3	92.1	70.0-130			3.09	20
1,1,2-Trichlorotrifluoroethane	25.0	24.5	25.1	98.0	100	70.0-130			2.42	20
1,2,3-Trimethylbenzene	25.0	20.1	20.3	80.4	81.2	70.0-130			0.990	20
(S) Toluene-d8				95.7	95.5	80.0-120				
(S) 4-Bromofluorobenzene				96.8	100	77.0-126				
(S) 1,2-Dichloroethane-d4				84.6	82.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4257930-2 08/13/25 02:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	ND		0.00163	0.00600
Acenaphthene	ND		0.00162	0.00600
Acenaphthylene	ND		0.00159	0.00600
Benzo(a)anthracene	ND		0.00200	0.00600
Benzo(a)pyrene	ND		0.00163	0.00600
Benzo(b)fluoranthene	ND		0.00275	0.00600
Benzo(g,h,i)perylene	ND		0.00193	0.00600
Benzo(k)fluoranthene	ND		0.00213	0.00600
Chrysene	ND		0.00206	0.00600
Dibenz(a,h)anthracene	ND		0.00201	0.00600
Fluoranthene	ND		0.00239	0.00600
Fluorene	ND		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600
Naphthalene	ND		0.00579	0.0200
Phenanthrene	ND		0.00305	0.00600
Pyrene	ND		0.00205	0.00600
1-Methylnaphthalene	ND		0.00219	0.0200
2-Methylnaphthalene	ND		0.00571	0.0200
2-Chloronaphthalene	ND		0.00129	0.0200
Dibenzofuran	ND		0.00158	0.00600
(S) Nitrobenzene-d5	70.4			14.0-149
(S) 2-Fluorobiphenyl	101			34.0-125
(S) p-Terphenyl-d14	118			23.0-120

Laboratory Control Sample (LCS)

(LCS) R4257930-1 08/13/25 01:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0719	89.9	70.0-130	
Acenaphthene	0.0800	0.0717	89.6	70.0-130	
Acenaphthylene	0.0800	0.0743	92.9	70.0-130	
Benzo(a)anthracene	0.0800	0.0767	95.9	70.0-130	
Benzo(a)pyrene	0.0800	0.0645	80.6	70.0-130	
Benzo(b)fluoranthene	0.0800	0.0781	97.6	70.0-130	
Benzo(g,h,i)perylene	0.0800	0.0725	90.6	70.0-130	
Benzo(k)fluoranthene	0.0800	0.0713	89.1	70.0-130	
Chrysene	0.0800	0.0851	106	70.0-130	
Dibenz(a,h)anthracene	0.0800	0.0731	91.4	70.0-130	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4257930-1 08/13/25 01:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluoranthene	0.0800	0.0768	96.0	70.0-130	
Fluorene	0.0800	0.0774	96.8	70.0-130	
Indeno(1,2,3-cd)pyrene	0.0800	0.0687	85.9	70.0-130	
Naphthalene	0.0800	0.0686	85.8	70.0-130	
Phenanthrene	0.0800	0.0803	100	70.0-130	
Pyrene	0.0800	0.0808	101	70.0-130	
1-Methylnaphthalene	0.0800	0.0697	87.1	70.0-130	
2-Methylnaphthalene	0.0800	0.0670	83.8	70.0-130	
2-Chloronaphthalene	0.0800	0.0755	94.4	70.0-130	
Dibenzofuran	0.0800	0.0759	94.9	70.0-130	
(S) Nitrobenzene-d5			68.9	14.0-149	
(S) 2-Fluorobiphenyl			107	34.0-125	
(S) p-Terphenyl-d14			120	23.0-120	

L1884476-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1884476-09 08/13/25 09:51 • (MS) R4257930-3 08/13/25 10:10 • (MSD) R4257930-4 08/13/25 10:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	U	0.0308	0.0594	38.5	74.6	1	26.5-141		J3	63.4	25
Acenaphthene	0.0800	U	0.0328	0.0582	41.0	73.1	1	31.9-130		J3	55.8	25
Acenaphthylene	0.0800	U	0.0360	0.0638	45.0	80.2	1	33.7-129		J3	55.7	25
Benzo(a)anthracene	0.0800	ND	0.0302	0.0593	37.8	74.5	1	18.3-136		J3	65.0	25
Benzo(a)pyrene	0.0800	ND	0.0253	0.0499	31.6	62.7	1	16.9-135		J3	65.4	25
Benzo(b)fluoranthene	0.0800	ND	0.0254	0.0495	31.8	62.2	1	10.0-134		J3	64.4	25
Benzo(g,h,i)perylene	0.0800	ND	0.0247	0.0475	30.9	59.7	1	14.1-140		J3	63.2	25
Benzo(k)fluoranthene	0.0800	ND	0.0247	0.0484	30.9	60.8	1	18.2-138		J3	64.8	25
Chrysene	0.0800	U	0.0290	0.0653	36.3	82.0	1	17.1-145		J3	77.0	25
Dibenz(a,h)anthracene	0.0800	ND	0.0250	0.0491	31.3	61.7	1	18.5-138		J3	65.0	25
Fluoranthene	0.0800	U	0.0313	0.0597	39.1	75.0	1	15.4-144		J3	62.4	25
Fluorene	0.0800	U	0.0378	0.0663	47.3	83.3	1	23.5-136		J3	54.8	25
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0247	0.0471	30.9	59.2	1	14.5-142		J3	62.4	25
Naphthalene	0.0800	0.0346	0.0434	0.0649	11.0	38.1	1	29.2-128	J6	J3	39.7	25
Phenanthrene	0.0800	U	0.0366	0.0625	45.8	78.5	1	20.1-134		J3	52.3	25
Pyrene	0.0800	U	0.0300	0.0562	37.5	70.6	1	11.0-148		J3	60.8	25
1-Methylnaphthalene	0.0800	0.00521	0.0391	0.0634	42.4	73.1	1	28.4-137		J3	47.4	25
2-Methylnaphthalene	0.0800	U	0.0419	0.0639	52.4	80.3	1	26.6-137		J3	41.6	25
2-Chloronaphthalene	0.0800	ND	0.0357	0.0638	44.6	80.2	1	38.6-126		J3	56.5	25
Dibenzofuran	0.0800	0.00361	0.0342	0.0618	38.2	73.1	1	34.6-123		J3	57.5	25

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1884476-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1884476-09 08/13/25 09:51 • (MS) R4257930-3 08/13/25 10:10 • (MSD) R4257930-4 08/13/25 10:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					39.4	63.3		14.0-149				
(S) 2-Fluorobiphenyl					50.6	92.8		34.0-125				
(S) p-Terphenyl-d14					38.6	91.8		23.0-120				

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

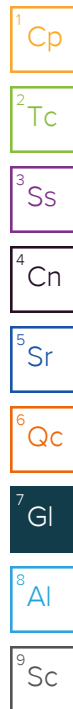
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

## Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



# ACCREDITATIONS & LOCATIONS

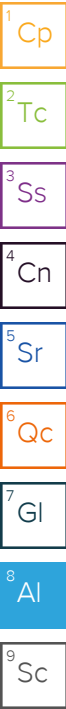
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1 6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1 4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		



<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.





Company Name/Address: <b>S&amp;ME Inc. - Mt. Pleasant SC</b>  620 Wando Park Blvd Mt. Pleasant, SC 29464				Billing Information: Accounts Payable 620 Wando Park Blvd Mt. Pleasant, SC 29464				Analysis / Container / Preservative Pres Chk				Chain of Custody Page 1 of 1   <b>MT JULIET, TN</b> 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <a href="https://info.pacelabs.com/hubs/pas-standard-terms.pdf">https://info.pacelabs.com/hubs/pas-standard-terms.pdf</a>		
Report to: <b>Mary Beth Cline 843-884-0005</b>				Email To: <a href="mailto:mcline@smeinc.com">mcline@smeinc.com</a>										
Project Description: <b>I-526 Long Point Road</b>			City/State Collected: <b>Charleston, SC</b>		Please Circle: PT MT CT ET									
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # <b>200424A PHASE 120</b>		Lab Project # <b>SMESC-CLINE</b>										
Collected by (print): <b>David Corry</b>		Site/Facility ID #		P.O. #										
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input checked="" type="checkbox"/> STD TAT		Quote #										
Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>		Date Results Needed		No. of Cntrs										
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time									
WT-SS-01		SS		8/4/25	0941	4	8270PAHSIMDSC 100ml Amb NoPres	Full TCLP 1L-Clr-NoPres	SV8011SC 40mlClr-NaThio	SV8270PAHSIMDSC 40zAmb-NoPres	TS 40zClr-NoPres	V8260SC 40mlAmb HCl	V8260SC 40mlAmb/MeOH10ml/Syr	
WT-SS-02		SS		8/4/25	0957	4				X	X	X		- 01
BTT-SS-01		SS		8/4/25	1018	4				X	X	X		- 02
LPH-SS-01		SS		8/4/25	1107	4				X	X	X		- 03
WF&T-SS-02		SS		8/4/25	1242	4				X	X	X		- 04
WF&T-SS-01		SS		8/4/25	1304	4				X	X	X		- 05
Trip Blank		SS		8/4/25		34				X	X	X		- 06
		SS				4				X	X	X		- 07
		SS				4				X	X	X		
		SS				4				X	X	X		

\* Matrix:

SS - Soil   AIR - Air   F - Filter

GW - Groundwater   B - Bioassay

WW - WasteWater

DW - Drinking Water

OT - Other \_\_\_\_\_

Remarks:

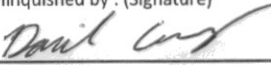
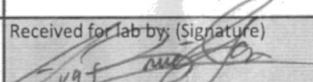

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking # **4580 063219194**

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No	Bottles Received:
	8/4/25	1515	FedEx	3	HCL / MeOH TBR
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	If preservation required by Login: Date/Time
				7.14-0.1 = 1.3	24
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				8/4/25	8:30
				Hold:	Condition: NCF / 

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y	N
COC Signed/Accurate:		<input checked="" type="checkbox"/>	N
Bottles arrive intact:		<input checked="" type="checkbox"/>	N
Correct bottles used:		<input checked="" type="checkbox"/>	N
Sufficient volume sent:		<input checked="" type="checkbox"/>	N
If Applicable			
VOA Zero Headspace:		Y	N
Preservation Correct/Checked:		Y	N
RAD Screen <0.5 mR/hr:		Y	N

**S&ME Inc. - Mt. Pleasant SC**

Sample Delivery Group: L1885653  
Samples Received: 08/06/2025  
Project Number: 200424A PHASE 120  
Description: I-526 Long Point Road

Report To: Mary Beth Cline  
620 Wando Park Blvd  
Mt. Pleasant, SC 29464

Entire Report Reviewed By:



Heather J Wagner  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](http://mydata.pacelabs.com)

# TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
SCSPA-SS-03 L1885653-01	5
SCSPA-SS-01 L1885653-02	7
SCSPA-SS-04 L1885653-03	9
SCSPA-SS-02 L1885653-04	11
TRIP BLANK L1885653-05	13
Qc: Quality Control Summary	15
Total Solids by Method 2540 G-2011	15
Volatile Organic Compounds (GC/MS) by Method 8260D	17
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	25
Gl: Glossary of Terms	30
Al: Accreditations & Locations	31
Sc: Sample Chain of Custody	32

<sup>1</sup> Cp
<sup>2</sup> Tc
<sup>3</sup> Ss
<sup>4</sup> Cn
<sup>5</sup> Sr
<sup>6</sup> Qc
<sup>7</sup> Gl
<sup>8</sup> Al
<sup>9</sup> Sc

# SAMPLE SUMMARY

## SCSPA-SS-03 L1885653-01

Collected by  
David Corry

Collected date/time  
08/05/25 09:18

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577724	1	08/12/25 12:36	08/12/25 12:44	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2577044	1	08/05/25 09:18	08/10/25 20:49	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 14:40	DMG	Mt. Juliet, TN

## SCSPA-SS-01 L1885653-02

Collected by  
David Corry

Collected date/time  
08/05/25 10:01

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577725	1	08/12/25 11:07	08/12/25 11:19	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2577044	1.07	08/05/25 10:01	08/10/25 21:08	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 14:58	DMG	Mt. Juliet, TN

## SCSPA-SS-04 L1885653-03

Collected by  
David Corry

Collected date/time  
08/05/25 10:34

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577725	1	08/12/25 11:07	08/12/25 11:19	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2577044	1.02	08/05/25 10:34	08/10/25 21:27	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 15:15	DMG	Mt. Juliet, TN

## SCSPA-SS-02 L1885653-04

Collected by  
David Corry

Collected date/time  
08/05/25 11:17

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2577725	1	08/12/25 11:07	08/12/25 11:19	MT	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2577044	1.14	08/05/25 11:17	08/10/25 21:46	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2577104	1	08/12/25 05:52	08/13/25 15:32	DMG	Mt. Juliet, TN

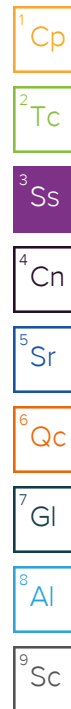
## TRIP BLANK L1885653-05

Collected by  
David Corry

Collected date/time  
08/05/25 00:00

Received date/time  
08/06/25 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2574838	1	08/07/25 13:23	08/07/25 13:23	JBE	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2574933	1	08/09/25 00:56	08/09/25 12:54	CMF	Mt. Juliet, TN



# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner  
Project Manager

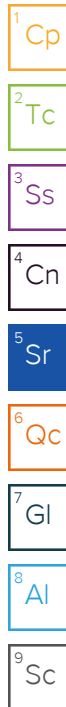
<sup>1</sup> Cp
<sup>2</sup> Tc
<sup>3</sup> Ss
<sup>4</sup> Cn
<sup>5</sup> Sr
<sup>6</sup> Qc
<sup>7</sup> Gl
<sup>8</sup> Al
<sup>9</sup> Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.6		1	08/12/2025 12:44	<a href="#">WG2577724</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND	<a href="#">J3</a>	0.0886	0.127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Benzene	ND	<a href="#">J3</a>	0.000903	0.00127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Bromobenzene	ND	<a href="#">J3</a>	0.00496	0.0159	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Bromodichloromethane	ND	<a href="#">J3</a>	0.00149	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Bromoform	ND	<a href="#">J3</a>	0.0126	0.0318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Bromomethane	ND	<a href="#">J3</a>	0.0128	0.0159	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Carbon disulfide	ND	<a href="#">J3</a>	0.00677	0.0159	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Carbon tetrachloride	ND	<a href="#">J3</a>	0.00382	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Chlorobenzene	ND	<a href="#">J3</a>	0.00109	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Chlorodibromomethane	ND	<a href="#">J3</a>	0.00205	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Chloroethane	ND	<a href="#">J3</a>	0.00723	0.0127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Chloroform	ND	<a href="#">J3</a>	0.00206	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Chloromethane	ND	<a href="#">J3</a>	0.0108	0.0159	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J3</a>	0.0136	0.0318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,2-Dibromoethane	ND	<a href="#">J3</a>	0.00160	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,2-Dichlorobenzene	ND	<a href="#">J3</a>	0.00198	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,3-Dichlorobenzene	ND	<a href="#">J3</a>	0.00210	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,4-Dichlorobenzene	ND	<a href="#">J3</a>	0.00222	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,1-Dichloroethane	ND	<a href="#">J3</a>	0.00128	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,2-Dichloroethane	ND	<a href="#">J3</a>	0.00186	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,1-Dichloroethene	ND	<a href="#">J3</a>	0.00194	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
cis-1,2-Dichloroethene	ND	<a href="#">J3</a>	0.00164	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
trans-1,2-Dichloroethene	ND	<a href="#">J3</a>	0.00132	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,2-Dichloropropane	ND	<a href="#">J3</a>	0.00244	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
cis-1,3-Dichloropropene	ND	<a href="#">J3</a>	0.00133	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
trans-1,3-Dichloropropene	ND	<a href="#">J3</a>	0.00133	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Di-isopropyl ether	ND	<a href="#">J3</a>	0.000977	0.00127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Ethylbenzene	0.00151	<a href="#">J J3</a>	0.00125	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
2-Butanone (MEK)	ND	<a href="#">J3</a>	0.113	0.127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
2-Hexanone	ND	<a href="#">J3</a>	0.0205	0.0318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Methylene Chloride	ND	<a href="#">J3</a>	0.0140	0.0318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
4-Methyl-2-pentanone (MIBK)	ND	<a href="#">J3</a>	0.0126	0.0318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Methyl tert-butyl ether	ND	<a href="#">J3</a>	0.000982	0.00127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Naphthalene	ND	<a href="#">J3</a>	0.00970	0.0159	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Styrene	ND	<a href="#">J3</a>	0.00565	0.0159	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,1,2,2-Tetrachloroethane	ND	<a href="#">J3</a>	0.00147	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Tetrachloroethene	ND	<a href="#">J3</a>	0.00193	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Toluene	ND	<a href="#">J3</a>	0.00367	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,1,1-Trichloroethane	ND	<a href="#">J3</a>	0.00184	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,1,2-Trichloroethane	ND	<a href="#">J3</a>	0.00170	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Trichloroethene	ND	<a href="#">J3</a>	0.00113	0.00127	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Vinyl chloride	ND	<a href="#">J3</a>	0.00255	0.00318	1	08/10/2025 20:49	<a href="#">WG2577044</a>
Xylenes, Total	ND	<a href="#">J3</a>	0.00356	0.00826	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,1,2-Trichlorotrifluoroethane	ND	<a href="#">J3</a>	0.00357	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
1,2,3-Trimethylbenzene	ND	<a href="#">J3</a>	0.00231	0.00635	1	08/10/2025 20:49	<a href="#">WG2577044</a>
(S) Toluene-d8	102			75.0-131		08/10/2025 20:49	<a href="#">WG2577044</a>
(S) 4-Bromofluorobenzene	103			67.0-138		08/10/2025 20:49	<a href="#">WG2577044</a>
(S) 1,2-Dichloroethane-d4	103			70.0-130		08/10/2025 20:49	<a href="#">WG2577044</a>





Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00184	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00183	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00179	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00226	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00184	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00310	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00218	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00240	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Chrysene	ND		0.00232	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00227	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00270	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Fluorene	ND		0.00203	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00264	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Naphthalene	ND		0.00653	0.0226	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00344	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Pyrene	ND		0.00231	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00247	0.0226	1	08/13/2025 14:40	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00644	0.0226	1	08/13/2025 14:40	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00146	0.0226	1	08/13/2025 14:40	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00178	0.00677	1	08/13/2025 14:40	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	82.4			14.0-149		08/13/2025 14:40	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	109			34.0-125		08/13/2025 14:40	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	119			23.0-120		08/13/2025 14:40	<a href="#">WG2577104</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.8		1	08/12/2025 11:19	<a href="#">WG2577725</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND	<a href="#">J3</a>	0.0826	0.118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Benzene	ND		0.000842	0.00118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Bromobenzene	ND		0.00461	0.0148	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Bromodichloromethane	ND		0.00138	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Bromoform	ND		0.0117	0.0297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Bromomethane	ND		0.0120	0.0148	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Carbon disulfide	ND		0.00631	0.0148	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Carbon tetrachloride	ND		0.00356	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Chlorobenzene	ND		0.00102	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Chlorodibromomethane	ND		0.00190	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Chloroethane	ND		0.00674	0.0118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Chloroform	ND		0.00191	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Chloromethane	ND		0.0101	0.0148	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,2-Dibromo-3-Chloropropane	ND		0.0126	0.0297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,2-Dibromoethane	ND		0.00149	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,2-Dichlorobenzene	ND		0.00185	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,3-Dichlorobenzene	ND		0.00196	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,4-Dichlorobenzene	ND		0.00207	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,1-Dichloroethane	ND		0.00120	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,2-Dichloroethane	ND		0.00173	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,1-Dichloroethene	ND		0.00181	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
cis-1,2-Dichloroethene	ND		0.00153	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
trans-1,2-Dichloroethene	ND		0.00123	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,2-Dichloropropane	ND		0.00227	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
cis-1,3-Dichloropropene	ND		0.00124	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
trans-1,3-Dichloropropene	ND		0.00124	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Di-isopropyl ether	ND		0.000911	0.00118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Ethylbenzene	ND		0.00117	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
2-Butanone (MEK)	ND		0.105	0.118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
2-Hexanone	ND		0.0190	0.0297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Methylene Chloride	ND		0.0131	0.0297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0117	0.0297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Methyl tert-butyl ether	ND		0.000915	0.00118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Naphthalene	ND		0.00903	0.0148	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Styrene	ND		0.00527	0.0148	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,1,2,2-Tetrachloroethane	ND		0.00137	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Tetrachloroethene	ND		0.00180	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Toluene	ND		0.00342	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,1,1-Trichloroethane	ND		0.00172	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,1,2-Trichloroethane	ND		0.00158	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Trichloroethene	ND		0.00105	0.00118	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Vinyl chloride	ND		0.00238	0.00297	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
Xylenes, Total	ND		0.00332	0.00770	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00333	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
1,2,3-Trimethylbenzene	ND		0.00216	0.00592	1.07	08/10/2025 21:08	<a href="#">WG2577044</a>
(S) Toluene-d8	102			75.0-131		08/10/2025 21:08	<a href="#">WG2577044</a>
(S) 4-Bromofluorobenzene	100			67.0-138		08/10/2025 21:08	<a href="#">WG2577044</a>
(S) 1,2-Dichloroethane-d4	102			70.0-130		08/10/2025 21:08	<a href="#">WG2577044</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00172	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00171	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00168	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00211	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00172	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00290	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00204	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00225	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Chrysene	ND		0.00217	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00212	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00252	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Fluorene	ND		0.00190	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00247	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Naphthalene	ND		0.00611	0.0211	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00322	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Pyrene	ND		0.00216	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00231	0.0211	1	08/13/2025 14:58	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00602	0.0211	1	08/13/2025 14:58	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00136	0.0211	1	08/13/2025 14:58	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00167	0.00633	1	08/13/2025 14:58	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	80.8			14.0-149		08/13/2025 14:58	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	100			34.0-125		08/13/2025 14:58	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	109			23.0-120		08/13/2025 14:58	<a href="#">WG2577104</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

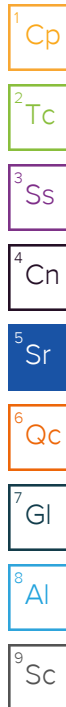
9 Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.3		1	08/12/2025 11:19	<a href="#">WG2577725</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND	<a href="#">J3</a>	0.0796	0.114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Benzene	ND		0.000811	0.00114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Bromobenzene	ND		0.00445	0.0143	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Bromodichloromethane	ND		0.00133	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Bromoform	ND		0.0113	0.0285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Bromomethane	ND		0.0115	0.0143	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Carbon disulfide	ND		0.00609	0.0143	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Carbon tetrachloride	ND		0.00343	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Chlorobenzene	ND		0.000979	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Chlorodibromomethane	ND		0.00183	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Chloroethane	ND		0.00649	0.0114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Chloroform	ND		0.00185	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Chloromethane	ND		0.00970	0.0143	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,2-Dibromo-3-Chloropropane	ND		0.0122	0.0285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,2-Dibromoethane	ND		0.00144	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,2-Dichlorobenzene	ND		0.00178	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,3-Dichlorobenzene	ND		0.00188	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,4-Dichlorobenzene	ND		0.00200	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,1-Dichloroethane	ND		0.00115	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,2-Dichloroethane	ND		0.00167	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,1-Dichloroethene	ND		0.00175	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
cis-1,2-Dichloroethene	ND		0.00148	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
trans-1,2-Dichloroethene	ND		0.00119	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,2-Dichloropropane	ND		0.00219	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
cis-1,3-Dichloropropene	ND		0.00120	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
trans-1,3-Dichloropropene	ND		0.00120	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Di-isopropyl ether	ND		0.000877	0.00114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Ethylbenzene	ND		0.00113	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
2-Butanone (MEK)	ND		0.101	0.114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
2-Hexanone	ND		0.0183	0.0285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Methylene Chloride	ND		0.0125	0.0285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0113	0.0285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Methyl tert-butyl ether	ND		0.000882	0.00114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Naphthalene	ND		0.00870	0.0143	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Styrene	ND		0.00508	0.0143	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,1,2,2-Tetrachloroethane	ND		0.00132	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Tetrachloroethene	ND		0.00173	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Toluene	ND		0.00330	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,1,1-Trichloroethane	ND		0.00166	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,1,2-Trichloroethane	ND		0.00153	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Trichloroethene	ND		0.00102	0.00114	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Vinyl chloride	ND		0.00229	0.00285	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
Xylenes, Total	ND		0.00320	0.00742	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00321	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
1,2,3-Trimethylbenzene	ND		0.00208	0.00571	1.02	08/10/2025 21:27	<a href="#">WG2577044</a>
(S) Toluene-d8	100			75.0-131		08/10/2025 21:27	<a href="#">WG2577044</a>
(S) 4-Bromofluorobenzene	99.4			67.0-138		08/10/2025 21:27	<a href="#">WG2577044</a>
(S) 1,2-Dichloroethane-d4	108			70.0-130		08/10/2025 21:27	<a href="#">WG2577044</a>



Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00173	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00172	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00169	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00212	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00173	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00291	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00205	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00226	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Chrysene	ND		0.00218	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00213	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00253	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Fluorene	ND		0.00191	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00248	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Naphthalene	ND		0.00614	0.0212	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00323	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Pyrene	ND		0.00217	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00232	0.0212	1	08/13/2025 15:15	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00605	0.0212	1	08/13/2025 15:15	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00137	0.0212	1	08/13/2025 15:15	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00167	0.00636	1	08/13/2025 15:15	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	79.9			14.0-149		08/13/2025 15:15	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	98.6			34.0-125		08/13/2025 15:15	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	106			23.0-120		08/13/2025 15:15	<a href="#">WG2577104</a>

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

## Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.7		1	08/12/2025 11:19	<a href="#">WG2577725</a>

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	ND	<a href="#">J3</a>	0.0949	0.136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Benzene	ND		0.000968	0.00136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Bromobenzene	ND		0.00531	0.0171	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Bromodichloromethane	ND		0.00159	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Bromoform	ND		0.0135	0.0340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Bromomethane	ND		0.0137	0.0171	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Carbon disulfide	ND		0.00726	0.0171	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Carbon tetrachloride	ND		0.00409	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Chlorobenzene	ND		0.00117	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Chlorodibromomethane	ND		0.00220	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Chloroethane	ND		0.00775	0.0136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Chloroform	ND		0.00221	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Chloromethane	ND		0.0116	0.0171	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,2-Dibromo-3-Chloropropane	ND		0.0146	0.0340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,2-Dibromoethane	ND		0.00172	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,2-Dichlorobenzene	ND		0.00213	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,3-Dichlorobenzene	ND		0.00224	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,4-Dichlorobenzene	ND		0.00239	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,1-Dichloroethane	ND		0.00137	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,2-Dichloroethane	ND		0.00198	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,1-Dichloroethene	ND		0.00208	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
cis-1,2-Dichloroethene	ND		0.00175	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
trans-1,2-Dichloroethene	ND		0.00142	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,2-Dichloropropane	ND		0.00261	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
cis-1,3-Dichloropropene	ND		0.00143	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
trans-1,3-Dichloropropene	ND		0.00143	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Di-isopropyl ether	ND		0.00105	0.00136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Ethylbenzene	ND		0.00135	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
2-Butanone (MEK)	ND		0.121	0.136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
2-Hexanone	ND		0.0220	0.0340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Methylene Chloride	ND		0.0149	0.0340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
4-Methyl-2-pentanone (MIBK)	ND		0.0135	0.0340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Methyl tert-butyl ether	ND		0.00105	0.00136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Naphthalene	ND		0.0104	0.0171	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Styrene	ND		0.00605	0.0171	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,1,2,2-Tetrachloroethane	ND		0.00158	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Tetrachloroethene	ND		0.00207	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Toluene	ND		0.00393	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,1,1-Trichloroethane	ND		0.00197	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,1,2-Trichloroethane	ND		0.00183	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Trichloroethene	ND		0.00122	0.00136	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Vinyl chloride	ND		0.00273	0.00340	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
Xylenes, Total	ND		0.00381	0.00885	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,1,2-Trichlorotrifluoroethane	ND		0.00382	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
1,2,3-Trimethylbenzene	ND		0.00247	0.00680	1.14	08/10/2025 21:46	<a href="#">WG2577044</a>
(S) Toluene-d8	99.7			75.0-131		08/10/2025 21:46	<a href="#">WG2577044</a>
(S) 4-Bromofluorobenzene	99.8			67.0-138		08/10/2025 21:46	<a href="#">WG2577044</a>
(S) 1,2-Dichloroethane-d4	102			70.0-130		08/10/2025 21:46	<a href="#">WG2577044</a>

## Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00180	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Acenaphthene	ND		0.00179	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Acenaphthylene	ND		0.00175	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Benzo(a)anthracene	ND		0.00221	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Benzo(a)pyrene	ND		0.00180	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Benzo(b)fluoranthene	ND		0.00303	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Benzo(g,h,i)perylene	ND		0.00213	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Benzo(k)fluoranthene	ND		0.00235	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Chrysene	ND		0.00227	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Dibenz(a,h)anthracene	ND		0.00222	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Fluoranthene	ND		0.00264	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Fluorene	ND		0.00199	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Indeno(1,2,3-cd)pyrene	ND		0.00258	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Naphthalene	ND		0.00639	0.0221	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Phenanthrene	ND		0.00336	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Pyrene	ND		0.00226	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
1-Methylnaphthalene	ND		0.00242	0.0221	1	08/13/2025 15:32	<a href="#">WG2577104</a>
2-Methylnaphthalene	ND		0.00630	0.0221	1	08/13/2025 15:32	<a href="#">WG2577104</a>
2-Chloronaphthalene	ND		0.00142	0.0221	1	08/13/2025 15:32	<a href="#">WG2577104</a>
Dibenzofuran	ND		0.00174	0.00662	1	08/13/2025 15:32	<a href="#">WG2577104</a>
(S) Nitrobenzene-d5	79.6			14.0-149		08/13/2025 15:32	<a href="#">WG2577104</a>
(S) 2-Fluorobiphenyl	104			34.0-125		08/13/2025 15:32	<a href="#">WG2577104</a>
(S) p-Terphenyl-d14	112			23.0-120		08/13/2025 15:32	<a href="#">WG2577104</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## TRIP BLANK

Collected date/time: 08/05/25 00:00

## SAMPLE RESULTS - 05

L1885653

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Benzene	ND		0.320	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Bromodichloromethane	ND		0.371	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Bromoform	ND		0.548	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Bromomethane	ND		4.85	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Carbon disulfide	ND		0.510	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Chlorobenzene	ND		0.266	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Chloroethane	ND		2.79	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Chloroform	ND		1.28	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Chloromethane	ND		1.70	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Ethylbenzene	ND		0.234	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/07/2025 13:23	<a href="#">WG2574838</a>
2-Hexanone	ND		5.80	20.0	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Methylene Chloride	ND		1.48	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Naphthalene	ND		2.64	5.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Styrene	ND		0.342	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Tetrachloroethene	ND		0.358	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Toluene	ND		0.274	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Trichloroethene	ND		0.383	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Vinyl chloride	ND		0.458	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
Xylenes, Total	ND		0.319	3.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/07/2025 13:23	<a href="#">WG2574838</a>
(S) Toluene-d8	102			80.0-120		08/07/2025 13:23	<a href="#">WG2574838</a>
(S) 4-Bromofluorobenzene	95.5			77.0-126		08/07/2025 13:23	<a href="#">WG2574838</a>
(S) 1,2-Dichloroethane-d4	105			70.0-130		08/07/2025 13:23	<a href="#">WG2574838</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Anthracene	ND		0.0210	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Acenaphthene	ND		0.0202	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Acenaphthylene	ND		0.0221	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Benzo(a)anthracene	ND		0.0242	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>

ACCOUNT:

S&amp;ME Inc. - Mt. Pleasant SC

PROJECT:

200424A PHASE 120

SDG:

L1885653

DATE/TIME:

08/16/25 08:51

PAGE:

13 of 32

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzo(a)pyrene	ND		0.0272	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Benzo(b)fluoranthene	ND		0.0253	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Benzo(g,h,i)perylene	ND		0.0335	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Benzo(k)fluoranthene	ND		0.0254	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Chrysene	ND		0.0257	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Dibenz(a,h)anthracene	ND		0.0251	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Fluoranthene	ND		0.0375	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Fluorene	ND		0.0212	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Indeno(1,2,3-cd)pyrene	ND		0.0270	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Naphthalene	ND		0.118	0.250	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Phenanthrene	ND		0.0279	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
Pyrene	ND		0.0416	0.0500	1	08/09/2025 12:54	<a href="#">WG2574933</a>
1-Methylnaphthalene	ND		0.112	0.250	1	08/09/2025 12:54	<a href="#">WG2574933</a>
2-Methylnaphthalene	ND		0.117	0.250	1	08/09/2025 12:54	<a href="#">WG2574933</a>
2-Chloronaphthalene	ND		0.111	0.250	1	08/09/2025 12:54	<a href="#">WG2574933</a>
(S) Nitrobenzene-d5	101			31.0-160		08/09/2025 12:54	<a href="#">WG2574933</a>
(S) 2-Fluorobiphenyl	97.9			48.0-148		08/09/2025 12:54	<a href="#">WG2574933</a>
(S) p-Terphenyl-d14	108			37.0-146		08/09/2025 12:54	<a href="#">WG2574933</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Method Blank (MB)

(MB) R4257783-1 08/12/25 12:44

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1885650-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1885650-03 08/12/25 12:44 • (DUP) R4257783-3 08/12/25 12:44

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	91.0	86.6	1	5.04		10

Laboratory Control Sample (LCS)

(LCS) R4257783-2 08/12/25 12:44

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4257646-1 08/12/25 11:19

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Total Solids	0.000			

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

L1885676-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1885676-01 08/12/25 11:19 • (DUP) R4257646-3 08/12/25 11:19

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Total Solids	14.6	14.5	1	0.693		10

7Gl

8Al

Laboratory Control Sample (LCS)

(LCS) R4257646-2 08/12/25 11:19

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Total Solids	50.0	50.0	100	90.0-110	

9Sc

Method Blank (MB)

(MB) R4257400-4 08/07/25 11:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	ND		46.9	50.0
Benzene	ND		0.320	1.00
Bromodichloromethane	ND		0.371	1.00
Bromoform	ND		0.548	1.00
Bromomethane	ND		4.85	5.00
Carbon disulfide	ND		0.510	1.00
Carbon tetrachloride	ND		0.360	1.00
Chlorobenzene	ND		0.266	1.00
Chlorodibromomethane	ND		0.398	1.00
Chloroethane	ND		2.79	5.00
Chloroform	ND		1.28	5.00
Chloromethane	ND		1.70	5.00
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00
1,2-Dibromoethane	ND		0.341	1.00
1,2-Dichlorobenzene	ND		0.304	1.00
1,3-Dichlorobenzene	ND		0.282	1.00
1,4-Dichlorobenzene	ND		0.277	1.00
1,1-Dichloroethane	ND		0.389	1.00
1,2-Dichloroethane	ND		0.395	1.00
1,1-Dichloroethene	ND		0.422	1.00
cis-1,2-Dichloroethene	ND		0.323	1.00
trans-1,2-Dichloroethene	ND		0.348	1.00
1,2-Dichloropropane	ND		0.427	1.00
cis-1,3-Dichloropropene	ND		0.348	1.00
trans-1,3-Dichloropropene	ND		0.313	1.00
Di-isopropyl ether	ND		0.105	1.00
Ethylbenzene	ND		0.234	1.00
2-Butanone (MEK)	ND		9.00	20.0
2-Hexanone	ND		5.80	20.0
Methylene Chloride	ND		1.48	5.00
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0
Methyl tert-butyl ether	ND		0.357	1.00
Naphthalene	ND		2.64	5.00
Styrene	ND		0.342	1.00
1,1,2,2-Tetrachloroethane	ND		0.354	1.00
Tetrachloroethene	ND		0.358	1.00
Toluene	ND		0.274	1.00
1,1,1-Trichloroethane	ND		0.336	1.00
1,1,2-Trichloroethane	ND		0.375	1.00
Trichloroethene	ND		0.383	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257400-4 08/07/25 11:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.458	1.00
Xylenes, Total	ND		0.319	3.00
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00
1,2,3-Trimethylbenzene	ND		0.339	1.00
(S) Toluene-d8	100			80.0-120
(S) 4-Bromofluorobenzene	96.8			77.0-126
(S) 1,2-Dichloroethane-d4	105			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257400-1 08/07/25 09:29 • (LCSD) R4257400-2 08/07/25 09:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	158	150	126	120	70.0-130			5.19	27
Benzene	25.0	24.9	25.6	99.6	102	70.0-130			2.77	20
Bromodichloromethane	25.0	27.1	27.8	108	111	70.0-130			2.55	20
Bromoform	25.0	26.9	27.0	108	108	70.0-130			0.371	20
Bromomethane	25.0	29.9	30.9	120	124	70.0-130			3.29	25
Carbon disulfide	25.0	26.8	26.3	107	105	70.0-130			1.88	20
Carbon tetrachloride	25.0	26.5	26.2	106	105	70.0-130			1.14	20
Chlorobenzene	25.0	26.2	26.5	105	106	70.0-130			1.14	20
Chlorodibromomethane	25.0	27.3	27.4	109	110	70.0-130			0.366	20
Chloroethane	25.0	24.6	24.9	98.4	99.6	70.0-130			1.21	20
Chloroform	25.0	26.5	27.4	106	110	70.0-130			3.34	20
Chloromethane	25.0	30.6	31.9	122	128	70.0-130			4.16	20
1,2-Dibromo-3-Chloropropane	25.0	25.0	25.7	100	103	70.0-130			2.76	20
1,2-Dibromoethane	25.0	25.4	25.3	102	101	70.0-130			0.394	20
1,2-Dichlorobenzene	25.0	26.6	26.0	106	104	70.0-130			2.28	20
1,3-Dichlorobenzene	25.0	26.5	26.4	106	106	70.0-130			0.378	20
1,4-Dichlorobenzene	25.0	26.1	25.7	104	103	70.0-130			1.54	20
1,1-Dichloroethane	25.0	24.3	24.8	97.2	99.2	70.0-130			2.04	20
1,2-Dichloroethane	25.0	25.9	26.3	104	105	70.0-130			1.53	20
1,1-Dichloroethene	25.0	28.0	28.0	112	112	70.0-130			0.000	20
cis-1,2-Dichloroethene	25.0	25.5	25.9	102	104	70.0-130			1.56	20
trans-1,2-Dichloroethene	25.0	27.1	27.8	108	111	70.0-130			2.55	20
1,2-Dichloropropane	25.0	23.6	24.0	94.4	96.0	70.0-130			1.68	20
cis-1,3-Dichloropropene	25.0	25.5	24.4	102	97.6	70.0-130			4.41	20
trans-1,3-Dichloropropene	25.0	28.5	27.1	114	108	70.0-130			5.04	20
Di-isopropyl ether	25.0	28.4	28.7	114	115	70.0-130			1.05	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257400-1 08/07/25 09:29 • (LCSD) R4257400-2 08/07/25 09:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	25.0	25.5	26.2	102	105	70.0-130			2.71	20
2-Butanone (MEK)	125	142	139	114	111	70.0-130			2.14	20
2-Hexanone	125	128	128	102	102	70.0-130			0.000	20
Methylene Chloride	25.0	22.2	22.6	88.8	90.4	70.0-130			1.79	20
4-Methyl-2-pentanone (MIBK)	125	140	142	112	114	70.0-130			1.42	20
Methyl tert-butyl ether	25.0	27.0	27.6	108	110	70.0-130			2.20	20
Naphthalene	25.0	23.1	24.7	92.4	98.8	70.0-130			6.69	20
Styrene	25.0	26.1	26.4	104	106	70.0-130			1.14	20
1,1,2,2-Tetrachloroethane	25.0	27.4	23.1	110	92.4	70.0-130			17.0	20
Tetrachloroethene	25.0	28.2	28.6	113	114	70.0-130			1.41	20
Toluene	25.0	26.3	26.6	105	106	70.0-130			1.13	20
1,1,1-Trichloroethane	25.0	29.7	30.1	119	120	70.0-130			1.34	20
1,1,2-Trichloroethane	25.0	27.3	27.1	109	108	70.0-130			0.735	20
Trichloroethene	25.0	25.6	28.9	102	116	70.0-130			12.1	20
Vinyl chloride	25.0	25.3	25.2	101	101	70.0-130			0.396	20
Xylenes, Total	75.0	76.4	77.4	102	103	70.0-130			1.30	20
1,1,2-Trichlorotrifluoroethane	25.0	24.6	23.9	98.4	95.6	70.0-130			2.89	20
1,2,3-Trimethylbenzene	25.0	26.5	26.6	106	106	70.0-130			0.377	20
(S) Toluene-d8				103	103	80.0-120				
(S) 4-Bromofluorobenzene				96.8	98.7	77.0-126				
(S) 1,2-Dichloroethane-d4				109	109	70.0-130				

L1885433-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1885433-01 08/07/25 14:23 • (MS) R4257400-5 08/07/25 19:21 • (MSD) R4257400-6 08/07/25 19:41

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	125	ND	117	135	93.6	108	1	10.0-160			14.3	35
Benzene	25.0	ND	25.9	29.7	104	119	1	17.0-158			13.7	27
Bromodichloromethane	25.0	ND	29.7	33.2	119	133	1	31.0-150			11.1	27
Bromoform	25.0	ND	29.4	33.4	118	134	1	29.0-150			12.7	29
Bromomethane	25.0	ND	25.5	33.0	102	132	1	10.0-160			25.6	38
Carbon disulfide	25.0	ND	20.2	23.5	80.8	94.0	1	10.0-156			15.1	28
Carbon tetrachloride	25.0	ND	28.0	32.0	112	128	1	23.0-159			13.3	28
Chlorobenzene	25.0	ND	27.5	31.4	110	126	1	33.0-152			13.2	27
Chlorodibromomethane	25.0	ND	29.1	34.2	116	137	1	37.0-149			16.1	27
Chloroethane	25.0	ND	24.5	28.2	98.0	113	1	10.0-160			14.0	30
Chloroform	25.0	ND	28.5	32.7	114	131	1	29.0-154			13.7	28
Chloromethane	25.0	ND	26.8	32.2	107	129	1	10.0-160			18.3	29

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1885433-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1885433-01 08/07/25 14:23 • (MS) R4257400-5 08/07/25 19:21 • (MSD) R4257400-6 08/07/25 19:41

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2-Dibromo-3-Chloropropane	25.0	ND	30.5	34.6	122	138	1	22.0-151			12.6	34
1,2-Dibromoethane	25.0	ND	26.3	30.4	105	122	1	34.0-147			14.5	27
1,2-Dichlorobenzene	25.0	ND	27.5	32.0	110	128	1	34.0-149			15.1	28
1,3-Dichlorobenzene	25.0	ND	26.7	31.4	107	126	1	36.0-146			16.2	27
1,4-Dichlorobenzene	25.0	ND	26.2	30.7	105	123	1	35.0-142			15.8	27
1,1-Dichloroethane	25.0	ND	26.5	30.6	106	122	1	25.0-158			14.4	27
1,2-Dichloroethane	25.0	ND	27.9	30.8	112	123	1	29.0-151			9.88	27
1,1-Dichloroethene	25.0	ND	28.2	32.5	113	130	1	11.0-160			14.2	29
cis-1,2-Dichloroethene	25.0	ND	28.1	31.1	112	124	1	10.0-160			10.1	27
trans-1,2-Dichloroethene	25.0	ND	26.8	30.7	107	123	1	17.0-153			13.6	27
1,2-Dichloropropane	25.0	ND	25.8	29.2	103	117	1	30.0-156			12.4	27
cis-1,3-Dichloropropene	25.0	ND	26.2	29.9	105	120	1	34.0-149			13.2	28
trans-1,3-Dichloropropene	25.0	ND	29.5	33.2	118	133	1	32.0-149			11.8	28
Di-isopropyl ether	25.0	ND	30.7	34.8	123	139	1	21.0-160			12.5	28
Ethylbenzene	25.0	ND	26.7	30.3	107	121	1	30.0-155			12.6	27
2-Butanone (MEK)	125	ND	137	162	110	130	1	10.0-160			16.7	32
2-Hexanone	125	ND	132	155	106	124	1	21.0-160			16.0	29
Methylene Chloride	25.0	ND	23.4	26.5	93.6	106	1	23.0-144			12.4	28
4-Methyl-2-pentanone (MIBK)	125	ND	160	187	128	150	1	29.0-160			15.6	29
Methyl tert-butyl ether	25.0	ND	29.9	34.5	120	138	1	28.0-150			14.3	29
Naphthalene	25.0	ND	25.0	31.8	100	127	1	12.0-156			23.9	35
Styrene	25.0	ND	27.4	31.1	110	124	1	33.0-155			12.6	28
1,1,2,2-Tetrachloroethane	25.0	ND	30.2	36.4	121	146	1	33.0-150			18.6	28
Tetrachloroethene	25.0	ND	27.8	31.4	111	126	1	10.0-160			12.2	27
Toluene	25.0	ND	27.2	31.1	109	124	1	26.0-154			13.4	28
1,1,1-Trichloroethane	25.0	ND	31.9	36.7	128	147	1	23.0-160			14.0	28
1,1,2-Trichloroethane	25.0	ND	29.0	33.4	116	134	1	35.0-147			14.1	27
Trichloroethene	25.0	ND	26.0	30.1	104	120	1	10.0-160			14.6	25
Vinyl chloride	25.0	ND	24.7	28.3	98.8	113	1	10.0-160			13.6	27
Xylenes, Total	75.0	ND	80.0	91.1	107	121	1	29.0-154			13.0	28
1,1,2-Trichlorotrifluoroethane	25.0	ND	24.6	28.4	98.4	114	1	23.0-160			14.3	30
1,2,3-Trimethylbenzene	25.0	ND	27.3	32.4	109	130	1	32.0-149			17.1	28
(S) Toluene-d8					103	101		80.0-120				
(S) 4-Bromofluorobenzene					96.3	96.6		77.0-126				
(S) 1,2-Dichloroethane-d4					110	110		70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4257550-2 08/10/25 19:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	ND		0.0697	0.100
Benzene	ND		0.000711	0.00100
Bromobenzene	ND		0.00390	0.0125
Bromodichloromethane	ND		0.00117	0.00250
Bromoform	ND		0.00992	0.0250
Bromomethane	ND		0.0101	0.0125
Carbon disulfide	ND		0.00533	0.0125
Carbon tetrachloride	ND		0.00301	0.00500
Chlorobenzene	ND		0.000858	0.00250
Chlorodibromomethane	ND		0.00161	0.00250
Chloroethane	ND		0.00569	0.0100
Chloroform	ND		0.00162	0.00250
Chloromethane	ND		0.00850	0.0125
1,2-Dibromo-3-Chloropropane	ND		0.0107	0.0250
1,2-Dibromoethane	ND		0.00126	0.00250
1,2-Dichlorobenzene	ND		0.00156	0.00500
1,3-Dichlorobenzene	ND		0.00165	0.00500
1,4-Dichlorobenzene	ND		0.00175	0.00500
1,1-Dichloroethane	ND		0.00101	0.00250
1,2-Dichloroethane	ND		0.00146	0.00250
1,1-Dichloroethene	ND		0.00153	0.00250
cis-1,2-Dichloroethene	ND		0.00129	0.00250
trans-1,2-Dichloroethene	ND		0.00104	0.00500
1,2-Dichloropropane	ND		0.00192	0.00500
cis-1,3-Dichloropropene	ND		0.00105	0.00250
trans-1,3-Dichloropropene	ND		0.00105	0.00500
Di-isopropyl ether	ND		0.000769	0.00100
Ethylbenzene	ND		0.000987	0.00250
2-Butanone (MEK)	ND		0.0887	0.100
2-Hexanone	ND		0.0161	0.0250
Methylene Chloride	0.0116	U	0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	ND		0.00992	0.0250
Methyl tert-butyl ether	ND		0.000773	0.00100
Naphthalene	ND		0.00763	0.0125
Styrene	ND		0.00445	0.0125
1,1,2,2-Tetrachloroethane	ND		0.00116	0.00250
Tetrachloroethene	ND		0.00152	0.00250
Toluene	ND		0.00289	0.00500
1,1,1-Trichloroethane	ND		0.00145	0.00250
1,1,2-Trichloroethane	ND		0.00134	0.00250

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257550-2 08/10/25 19:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Trichloroethene	ND		0.000891	0.00100
Vinyl chloride	ND		0.00201	0.00250
Xylenes, Total	ND		0.00280	0.00650
1,1,2-Trichlorotrifluoroethane	ND		0.00281	0.00500
1,2,3-Trimethylbenzene	ND		0.00182	0.00500
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	100			67.0-138
(S) 1,2-Dichloroethane-d4	107			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257550-1 08/10/25 17:41 • (LCSD) R4257550-3 08/10/25 20:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.13	2.67	4.08	85.3	130	70.0-130		J3	41.8	31
Benzene	0.625	0.559	0.545	89.4	87.2	70.0-130			2.54	20
Bromobenzene	0.625	0.590	0.544	94.4	87.0	70.0-130			8.11	20
Bromodichloromethane	0.625	0.638	0.600	102	96.0	70.0-130			6.14	20
Bromoform	0.625	0.590	0.607	94.4	97.1	70.0-130			2.84	20
Bromomethane	0.625	0.512	0.505	81.9	80.8	70.0-130			1.38	20
Carbon disulfide	0.625	0.566	0.553	90.6	88.5	70.0-130			2.32	20
Carbon tetrachloride	0.625	0.598	0.609	95.7	97.4	70.0-130			1.82	20
Chlorobenzene	0.625	0.559	0.565	89.4	90.4	70.0-130			1.07	20
Chlorodibromomethane	0.625	0.604	0.600	96.6	96.0	70.0-130			0.664	20
Chloroethane	0.625	0.514	0.504	82.2	80.6	70.0-130			1.96	20
Chloroform	0.625	0.585	0.571	93.6	91.4	70.0-130			2.42	20
Chloromethane	0.625	0.524	0.510	83.8	81.6	70.0-130			2.71	20
1,2-Dibromo-3-Chloropropane	0.625	0.554	0.568	88.6	90.9	70.0-130			2.50	20
1,2-Dibromoethane	0.625	0.584	0.585	93.4	93.6	70.0-130			0.171	20
1,2-Dichlorobenzene	0.625	0.604	0.548	96.6	87.7	70.0-130			9.72	20
1,3-Dichlorobenzene	0.625	0.618	0.555	98.9	88.8	70.0-130			10.7	20
1,4-Dichlorobenzene	0.625	0.624	0.553	99.8	88.5	70.0-130			12.1	20
1,1-Dichloroethane	0.625	0.601	0.577	96.2	92.3	70.0-130			4.07	20
1,2-Dichloroethane	0.625	0.610	0.589	97.6	94.2	70.0-130			3.50	20
1,1-Dichloroethene	0.625	0.622	0.592	99.5	94.7	70.0-130			4.94	20
cis-1,2-Dichloroethene	0.625	0.545	0.537	87.2	85.9	70.0-130			1.48	20
trans-1,2-Dichloroethene	0.625	0.558	0.565	89.3	90.4	70.0-130			1.25	20
1,2-Dichloropropane	0.625	0.591	0.566	94.6	90.6	70.0-130			4.32	20
cis-1,3-Dichloropropene	0.625	0.631	0.574	101	91.8	70.0-130			9.46	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257550-1 08/10/25 17:41 • (LCSD) R4257550-3 08/10/25 20:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.625	0.605	0.588	96.8	94.1	70.0-130			2.85	20
Di-isopropyl ether	0.625	0.605	0.633	96.8	101	70.0-130			4.52	20
Ethylbenzene	0.625	0.554	0.586	88.6	93.8	70.0-130			5.61	20
2-Butanone (MEK)	3.13	3.01	3.56	96.2	114	70.0-130			16.7	24
2-Hexanone	3.13	3.60	3.52	115	112	70.0-130			2.25	20
Methylene Chloride	0.625	0.539	0.519	86.2	83.0	70.0-130			3.78	20
4-Methyl-2-pentanone (MIBK)	3.13	3.43	3.69	110	118	70.0-130			7.30	20
Methyl tert-butyl ether	0.625	0.534	0.609	85.4	97.4	70.0-130			13.1	20
Naphthalene	0.625	0.615	0.562	98.4	89.9	70.0-130			9.01	20
Styrene	0.625	0.634	0.647	101	104	70.0-130			2.03	20
1,1,2,2-Tetrachloroethane	0.625	0.579	0.583	92.6	93.3	70.0-130			0.688	20
Tetrachloroethene	0.625	0.557	0.560	89.1	89.6	70.0-130			0.537	20
Toluene	0.625	0.551	0.559	88.2	89.4	70.0-130			1.44	20
1,1,1-Trichloroethane	0.625	0.617	0.615	98.7	98.4	70.0-130			0.325	20
1,1,2-Trichloroethane	0.625	0.557	0.557	89.1	89.1	70.0-130			0.000	20
Trichloroethene	0.625	0.602	0.578	96.3	92.5	70.0-130			4.07	20
Vinyl chloride	0.625	0.505	0.491	80.8	78.6	70.0-130			2.81	20
Xylenes, Total	1.88	1.65	1.82	87.8	96.8	70.0-130			9.80	20
1,1,2-Trichlorotrifluoroethane	0.625	0.610	0.556	97.6	89.0	70.0-130			9.26	20
1,2,3-Trimethylbenzene	0.625	0.597	0.569	95.5	91.0	70.0-130			4.80	20
(S) Toluene-d8				94.7	100	75.0-131				
(S) 4-Bromofluorobenzene				96.3	104	67.0-138				
(S) 1,2-Dichloroethane-d4				118	120	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1885653-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1885653-01 08/10/25 20:49 • (MS) R4257550-4 08/11/25 03:13 • (MSD) R4257550-5 08/11/25 03:32

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	3.57	ND	1.13	2.54	31.7	71.2	1	10.0-160		13	76.8	40
Benzene	0.715	ND	0.372	0.798	52.0	112	1	10.0-149		13	72.7	37
Bromobenzene	0.715	ND	0.376	0.787	52.6	110	1	10.0-156		13	70.6	38
Bromodichloromethane	0.715	ND	0.389	0.869	54.4	121	1	10.0-143		13	76.4	37
Bromoform	0.715	ND	0.353	0.798	49.4	112	1	10.0-146		13	77.3	36
Bromomethane	0.715	ND	0.327	0.677	45.6	94.7	1	10.0-149		13	69.9	38
Carbon disulfide	0.715	ND	0.369	0.652	51.5	91.1	1	10.0-145		13	55.5	39
Carbon tetrachloride	0.715	ND	0.403	0.851	56.3	119	1	10.0-145		13	71.5	37
Chlorobenzene	0.715	ND	0.386	0.778	54.0	109	1	10.0-152		13	67.2	39
Chlorodibromomethane	0.715	ND	0.380	0.829	53.1	116	1	10.0-146		13	74.2	37

L1885653-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1885653-01 08/10/25 20:49 • (MS) R4257550-4 08/11/25 03:13 • (MSD) R4257550-5 08/11/25 03:32

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloroethane	0.715	ND	0.264	0.577	36.9	80.6	1	10.0-146		J3	74.3	40
Chloroform	0.715	ND	0.374	0.830	52.2	116	1	10.0-146		J3	75.8	37
Chloromethane	0.715	ND	0.323	0.666	45.1	93.1	1	10.0-159		J3	69.4	37
1,2-Dibromo-3-Chloropropane	0.715	ND	0.306	0.671	42.8	93.8	1	10.0-151		J3	74.6	39
1,2-Dibromoethane	0.715	ND	0.370	0.806	51.7	113	1	10.0-148		J3	74.2	34
1,2-Dichlorobenzene	0.715	ND	0.389	0.798	54.4	112	1	10.0-155		J3	69.0	37
1,3-Dichlorobenzene	0.715	ND	0.395	0.784	55.2	110	1	10.0-153		J3	65.9	38
1,4-Dichlorobenzene	0.715	ND	0.404	0.771	56.5	108	1	10.0-151		J3	62.5	38
1,1-Dichloroethane	0.715	ND	0.395	0.820	55.2	115	1	10.0-147		J3	69.9	37
1,2-Dichloroethane	0.715	ND	0.370	0.813	51.7	114	1	10.0-148		J3	75.0	35
1,1-Dichloroethene	0.715	ND	0.430	0.834	60.0	117	1	10.0-155		J3	64.0	37
cis-1,2-Dichloroethene	0.715	ND	0.365	0.793	51.0	111	1	10.0-149		J3	74.0	37
trans-1,2-Dichloroethene	0.715	ND	0.135	0.274	18.8	38.4	1	10.0-150		J3	68.3	37
1,2-Dichloropropane	0.715	ND	0.389	0.863	54.4	121	1	10.0-148		J3	75.7	37
cis-1,3-Dichloropropene	0.715	ND	0.398	0.879	55.6	123	1	10.0-151		J3	75.4	37
trans-1,3-Dichloropropene	0.715	ND	0.395	0.844	55.2	118	1	10.0-148		J3	72.4	37
Di-isopropyl ether	0.715	ND	0.380	0.878	53.1	123	1	10.0-147		J3	79.2	36
Ethylbenzene	0.715	0.00151	0.398	0.771	55.4	108	1	10.0-160		J3	63.9	38
2-Butanone (MEK)	3.57	ND	1.52	4.14	42.7	116	1	10.0-160		J3	92.4	40
2-Hexanone	3.57	ND	1.87	4.14	52.3	116	1	10.0-160		J3	75.7	36
Methylene Chloride	0.715	ND	0.348	0.721	48.7	101	1	10.0-141		J3	69.7	37
4-Methyl-2-pentanone (MIBK)	3.57	ND	1.96	4.30	54.8	120	1	10.0-160		J3	74.8	35
Methyl tert-butyl ether	0.715	ND	0.343	0.831	48.0	116	1	11.0-147		J3	83.1	35
Naphthalene	0.715	ND	0.376	0.835	52.6	117	1	10.0-160		E J3	75.8	36
Styrene	0.715	ND	0.422	0.868	59.0	121	1	10.0-160		J3	69.2	40
1,1,2,2-Tetrachloroethane	0.715	ND	0.357	0.807	49.9	113	1	10.0-160		J3	77.3	35
Tetrachloroethene	0.715	ND	0.394	0.734	55.1	103	1	10.0-156		J3	60.4	39
Toluene	0.715	ND	0.398	0.795	55.6	111	1	10.0-156		J3	66.7	38
1,1,1-Trichloroethane	0.715	ND	0.417	0.616	58.3	86.1	1	10.0-144		J3	38.6	35
1,1,2-Trichloroethane	0.715	ND	0.358	0.782	50.1	109	1	10.0-160		J3	74.2	35
Trichloroethene	0.715	ND	0.388	0.836	54.2	117	1	10.0-156		J3	73.3	38
Vinyl chloride	0.715	ND	0.300	0.660	41.9	92.2	1	10.0-160		J3	75.0	37
Xylenes, Total	2.15	ND	1.19	2.39	55.6	111	1	10.0-160		J3	66.7	38
1,1,2-Trichlorotrifluoroethane	0.715	ND	0.360	0.707	50.3	98.8	1	10.0-160		J3	65.1	36
1,2,3-Trimethylbenzene	0.715	ND	0.409	0.815	57.2	114	1	10.0-160		J3	66.3	36
(S) Toluene-d8					98.1	94.3		75.0-131				
(S) 4-Bromofluorobenzene					98.4	97.2		67.0-138				
(S) 1,2-Dichloroethane-d4					106	111		70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4257462-2 08/09/25 12:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	ND		0.0210	0.0500
Acenaphthene	ND		0.0202	0.0500
Acenaphthylene	ND		0.0221	0.0500
Benzo(a)anthracene	ND		0.0242	0.0500
Benzo(a)pyrene	ND		0.0272	0.0500
Benzo(b)fluoranthene	ND		0.0253	0.0500
Benzo(g,h,i)perylene	ND		0.0335	0.0500
Benzo(k)fluoranthene	ND		0.0254	0.0500
Chrysene	ND		0.0257	0.0500
Dibenz(a,h)anthracene	ND		0.0251	0.0500
Fluoranthene	ND		0.0375	0.0500
Fluorene	ND		0.0212	0.0500
Indeno(1,2,3-cd)pyrene	ND		0.0270	0.0500
Naphthalene	ND		0.118	0.250
Phenanthrene	ND		0.0279	0.0500
Pyrene	ND		0.0416	0.0500
1-Methylnaphthalene	ND		0.112	0.250
2-Methylnaphthalene	ND		0.117	0.250
2-Chloronaphthalene	ND		0.111	0.250
(S) Nitrobenzene-d5	105			31.0-160
(S) 2-Fluorobiphenyl	103			48.0-148
(S) p-Terphenyl-d14	103			37.0-146

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4257462-1 08/09/25 12:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	2.00	2.18	109	67.0-150	
Acenaphthene	2.00	1.89	94.5	65.0-138	
Acenaphthylene	2.00	2.07	104	66.0-140	
Benzo(a)anthracene	2.00	1.98	99.0	61.0-140	
Benzo(a)pyrene	2.00	1.84	92.0	60.0-143	
Benzo(b)fluoranthene	2.00	1.93	96.5	58.0-141	
Benzo(g,h,i)perylene	2.00	1.69	84.5	52.0-153	
Benzo(k)fluoranthene	2.00	1.74	87.0	58.0-148	
Chrysene	2.00	1.94	97.0	64.0-144	
Dibenz(a,h)anthracene	2.00	1.75	87.5	52.0-155	
Fluoranthene	2.00	2.20	110	69.0-153	

Laboratory Control Sample (LCS)

(LCS) R4257462-1 08/09/25 12:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Fluorene	2.00	2.14	107	64.0-136	
Indeno(1,2,3-cd)pyrene	2.00	1.76	88.0	54.0-153	
Naphthalene	2.00	2.03	102	61.0-137	
Phenanthrene	2.00	2.08	104	62.0-137	
Pyrene	2.00	2.08	104	60.0-142	
1-Methylnaphthalene	2.00	2.15	107	66.0-142	
2-Methylnaphthalene	2.00	2.06	103	62.0-136	
2-Chloronaphthalene	2.00	1.90	95.0	64.0-140	
(S) Nitrobenzene-d5			102	31.0-160	
(S) 2-Fluorobiphenyl			104	48.0-148	
(S) p-Terphenyl-d14			99.0	37.0-146	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257930-2 08/13/25 02:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	ND		0.00163	0.00600
Acenaphthene	ND		0.00162	0.00600
Acenaphthylene	ND		0.00159	0.00600
Benzo(a)anthracene	ND		0.00200	0.00600
Benzo(a)pyrene	ND		0.00163	0.00600
Benzo(b)fluoranthene	ND		0.00275	0.00600
Benzo(g,h,i)perylene	ND		0.00193	0.00600
Benzo(k)fluoranthene	ND		0.00213	0.00600
Chrysene	ND		0.00206	0.00600
Dibenz(a,h)anthracene	ND		0.00201	0.00600
Fluoranthene	ND		0.00239	0.00600
Fluorene	ND		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	ND		0.00234	0.00600
Naphthalene	ND		0.00579	0.0200
Phenanthrene	ND		0.00305	0.00600
Pyrene	ND		0.00205	0.00600
1-Methylnaphthalene	ND		0.00219	0.0200
2-Methylnaphthalene	ND		0.00571	0.0200
2-Chloronaphthalene	ND		0.00129	0.0200
Dibenzofuran	ND		0.00158	0.00600
(S) Nitrobenzene-d5	70.4			14.0-149
(S) 2-Fluorobiphenyl	101			34.0-125
(S) p-Terphenyl-d14	118			23.0-120

Laboratory Control Sample (LCS)

(LCS) R4257930-1 08/13/25 01:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0719	89.9	70.0-130	
Acenaphthene	0.0800	0.0717	89.6	70.0-130	
Acenaphthylene	0.0800	0.0743	92.9	70.0-130	
Benzo(a)anthracene	0.0800	0.0767	95.9	70.0-130	
Benzo(a)pyrene	0.0800	0.0645	80.6	70.0-130	
Benzo(b)fluoranthene	0.0800	0.0781	97.6	70.0-130	
Benzo(g,h,i)perylene	0.0800	0.0725	90.6	70.0-130	
Benzo(k)fluoranthene	0.0800	0.0713	89.1	70.0-130	
Chrysene	0.0800	0.0851	106	70.0-130	
Dibenz(a,h)anthracene	0.0800	0.0731	91.4	70.0-130	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS)

(LCS) R4257930-1 08/13/25 01:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluoranthene	0.0800	0.0768	96.0	70.0-130	
Fluorene	0.0800	0.0774	96.8	70.0-130	
Indeno(1,2,3-cd)pyrene	0.0800	0.0687	85.9	70.0-130	
Naphthalene	0.0800	0.0686	85.8	70.0-130	
Phenanthrene	0.0800	0.0803	100	70.0-130	
Pyrene	0.0800	0.0808	101	70.0-130	
1-Methylnaphthalene	0.0800	0.0697	87.1	70.0-130	
2-Methylnaphthalene	0.0800	0.0670	83.8	70.0-130	
2-Chloronaphthalene	0.0800	0.0755	94.4	70.0-130	
Dibenzofuran	0.0800	0.0759	94.9	70.0-130	
(S) Nitrobenzene-d5			68.9	14.0-149	
(S) 2-Fluorobiphenyl			107	34.0-125	
(S) p-Terphenyl-d14			120	23.0-120	

L1884476-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1884476-09 08/13/25 09:51 • (MS) R4257930-3 08/13/25 10:10 • (MSD) R4257930-4 08/13/25 10:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	U	0.0308	0.0594	38.5	74.6	1	26.5-141		J3	63.4	25
Acenaphthene	0.0800	U	0.0328	0.0582	41.0	73.1	1	31.9-130		J3	55.8	25
Acenaphthylene	0.0800	U	0.0360	0.0638	45.0	80.2	1	33.7-129		J3	55.7	25
Benzo(a)anthracene	0.0800	ND	0.0302	0.0593	37.8	74.5	1	18.3-136		J3	65.0	25
Benzo(a)pyrene	0.0800	ND	0.0253	0.0499	31.6	62.7	1	16.9-135		J3	65.4	25
Benzo(b)fluoranthene	0.0800	ND	0.0254	0.0495	31.8	62.2	1	10.0-134		J3	64.4	25
Benzo(g,h,i)perylene	0.0800	ND	0.0247	0.0475	30.9	59.7	1	14.1-140		J3	63.2	25
Benzo(k)fluoranthene	0.0800	ND	0.0247	0.0484	30.9	60.8	1	18.2-138		J3	64.8	25
Chrysene	0.0800	U	0.0290	0.0653	36.3	82.0	1	17.1-145		J3	77.0	25
Dibenz(a,h)anthracene	0.0800	ND	0.0250	0.0491	31.3	61.7	1	18.5-138		J3	65.0	25
Fluoranthene	0.0800	U	0.0313	0.0597	39.1	75.0	1	15.4-144		J3	62.4	25
Fluorene	0.0800	U	0.0378	0.0663	47.3	83.3	1	23.5-136		J3	54.8	25
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0247	0.0471	30.9	59.2	1	14.5-142		J3	62.4	25
Naphthalene	0.0800	0.0346	0.0434	0.0649	11.0	38.1	1	29.2-128	J6	J3	39.7	25
Phenanthrene	0.0800	U	0.0366	0.0625	45.8	78.5	1	20.1-134		J3	52.3	25
Pyrene	0.0800	U	0.0300	0.0562	37.5	70.6	1	11.0-148		J3	60.8	25
1-Methylnaphthalene	0.0800	0.00521	0.0391	0.0634	42.4	73.1	1	28.4-137		J3	47.4	25
2-Methylnaphthalene	0.0800	U	0.0419	0.0639	52.4	80.3	1	26.6-137		J3	41.6	25
2-Chloronaphthalene	0.0800	ND	0.0357	0.0638	44.6	80.2	1	38.6-126		J3	56.5	25
Dibenzofuran	0.0800	0.00361	0.0342	0.0618	38.2	73.1	1	34.6-123		J3	57.5	25

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1884476-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1884476-09 08/13/25 09:51 • (MS) R4257930-3 08/13/25 10:10 • (MSD) R4257930-4 08/13/25 10:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Nitrobenzene-d5					39.4	63.3		14.0-149				
(S) 2-Fluorobiphenyl					50.6	92.8		34.0-125				
(S) p-Terphenyl-d14					38.6	91.8		23.0-120				

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

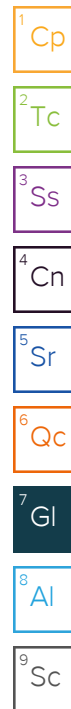
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

## Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

## Qualifier Description

E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.





# ACCREDITATIONS & LOCATIONS

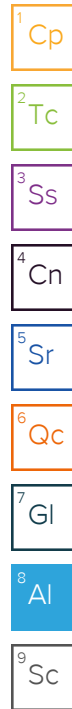
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

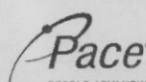
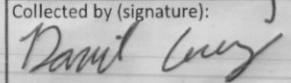
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1 6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1 4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



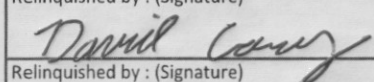
Company Name/Address: <b>S&amp;ME Inc. - Mt. Pleasant SC</b>  620 Wando Park Blvd Mt. Pleasant, SC 29464			Billing Information: Accounts Payable 620 Wando Park Blvd Mt. Pleasant, SC 29464			Analysis / Container / Preservative Pres Chk			Chain of Custody Page <u>1</u> of <u>1</u>   <b>MT JULIET, TN</b> 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <a href="https://info.pacelabs.com/hubfs/pas-standard-terms.pdf">https://info.pacelabs.com/hubfs/pas-standard-terms.pdf</a>					
Report to: <b>Mary Beth Cline 843-884-0005</b>			Email To: <a href="mailto:mcline@smeinc.com">mcline@smeinc.com</a>			SDG # <u>1885653</u> <b>E029</b>  Acctnum: <b>SMESC</b> Template: <b>T278140</b> Prelogin: <b>P1167919</b> PM: <b>873 - Heather J Wagner</b> PB: <b>KB 7/28</b> Shipped Via: <b>FedEX Ground</b>								
Project Description: <b>I-526 Long Point Road</b>		City/State Collected: <u>Charleston, SC</u>		Please Circle: PT MT CT ET										
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # <b>200424A PHASE 120</b>		Lab Project # <b>SMESC-CLINE</b>										
Collected by (print): <b>David Cline</b>		Site/Facility ID #		P.O. #										
Collected by (signature): 		Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day <input checked="" type="checkbox"/> STD TAT		Quote #										
Immediately Packed on Ice N ___ Y <input checked="" type="checkbox"/>		Date Results Needed		No. of Cntrs										
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	8270PAHSIMDSC 100ml Amb NoPres	Full TCLP 1L-Clr-NoPres	SV8011SC 40mlClr-NaThio	SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260SC 40mlAmb HCl	V8260SC 40mlAmb/MeOH10ml/Syr		
SCSPA-SS-03	Grab	SS		8/5/25	0918				X	X		X		
SCSPA-SS-01	↓	SS		8/5/25	1001				X	X		X		
SCSPA-SS-04	↓	SS		8/5/25	1034				X	X		X		
SCSPA-SS-02	↓	SS		8/5/25	1117				X	X		X		
Trip Blank		SS		8/5/25					X	X		X		
		SS							X	X		X		
		SS							X	X		X		
		GW				8	X	X			X			
		GW				8	X	X			X			
		GW				8	X	X			X			

\* Matrix:  
 SS - Soil AIR - Air F - Filter  
 GW - Groundwater B - Bioassay  
 WW - WasteWater  
 DW - Drinking Water  
 OT - Other \_\_\_\_\_

Remarks:

Samples returned via:  
 \_\_\_ UPS \_\_\_ FedEx \_\_\_ Courier \_\_\_\_\_

Tracking # 4580 6321 9200

Relinquished by : (Signature)  


Relinquished by : (Signature)

Relinquished by : (Signature)

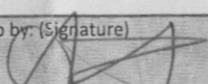
Date: 8/5/25 Time: 1400

Date: Time:

Date: Time:

Received by: (Signature)  
**FedEx**

Received by: (Signature)

Received for lab by: (Signature)  


Trip Blank Received: Yes / No  
 HCL / MeOH  
 TBR

Temp: 74.6 °C Bottles Received: 16

Date: 8/6/25 Time: 0830

Hold:

Condition:  
 NCF / OK

If preservation required by Login: Date/Time

Sample Receipt Checklist

COC Seal Present/Intact: NP ☒ Y ☐ N

COC Signed/Accurate: Y ☒ Y ☐ N

Bottles arrive intact: Y ☒ Y ☐ N

Correct bottles used: Y ☒ Y ☐ N

Sufficient volume sent: Y ☒ Y ☐ N

If Applicable

VOA Zero Headspace: Y ☒ Y ☐ N

Preservation Correct/Checked: Y ☒ Y ☐ N

RAD Screen <0.5 mR/hr: Y ☒ Y ☐ N

## **Appendix VII – Groundwater Sample Laboratory Analytical Reports**

**S&ME Inc. - Mt. Pleasant SC**

Sample Delivery Group: L1886726  
Samples Received: 08/08/2025  
Project Number: 200424A PHASE 120  
Description: I-526 Long Point Road

Report To: Mary Beth Cline  
620 Wando Park Blvd  
Mt. Pleasant, SC 29464

Entire Report Reviewed By:



Heather J Wagner  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](https://mydata.pacelabs.com)

# TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
LPH-TW-01 L1886726-01	5
WT-TW-01 L1886726-02	7
BTT-TW-01 L1886726-03	9
TRIP BLANK L1886726-04	11
Qc: Quality Control Summary	12
Volatile Organic Compounds (GC/MS) by Method 8260D	12
EDB / DBCP by Method 8011	15
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	16
Gl: Glossary of Terms	18
Al: Accreditations & Locations	19
Sc: Sample Chain of Custody	20

<sup>1</sup> Cp
<sup>2</sup> Tc
<sup>3</sup> Ss
<sup>4</sup> Cn
<sup>5</sup> Sr
<sup>6</sup> Qc
<sup>7</sup> Gl
<sup>8</sup> Al
<sup>9</sup> Sc

# SAMPLE SUMMARY

## LPH-TW-01 L1886726-01

Collected by  
David Corry

Collected date/time  
08/07/25 09:17

Received date/time  
08/08/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2576443	1	08/09/25 20:53	08/09/25 20:53	WHS	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2576338	1	08/09/25 10:41	08/10/25 00:51	HCS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1	08/12/25 08:17	08/14/25 12:39	AMM	Mt. Juliet, TN

## WT-TW-01 L1886726-02

Collected by  
David Corry

Collected date/time  
08/07/25 09:58

Received date/time  
08/08/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2576443	1	08/09/25 21:14	08/09/25 21:14	WHS	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2576338	1.01	08/09/25 10:41	08/10/25 01:01	HCS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1.15	08/12/25 08:17	08/14/25 12:57	AMM	Mt. Juliet, TN

## BTT-TW-01 L1886726-03

Collected by  
David Corry

Collected date/time  
08/07/25 10:42

Received date/time  
08/08/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2576443	1	08/09/25 21:36	08/09/25 21:36	WHS	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2576338	1	08/09/25 10:41	08/10/25 01:12	HCS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1	08/12/25 08:17	08/14/25 13:14	AMM	Mt. Juliet, TN

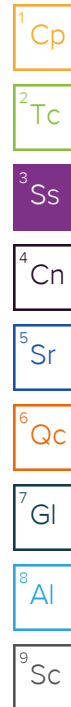
## TRIP BLANK L1886726-04

Collected by  
David Corry

Collected date/time  
08/07/25 00:00

Received date/time  
08/08/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2576443	1	08/09/25 16:37	08/09/25 16:37	WHS	Mt. Juliet, TN

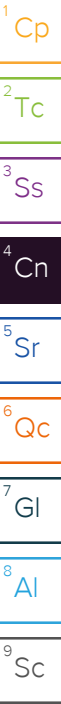


# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner  
Project Manager





## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Benzene	ND		0.320	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Bromodichloromethane	ND		0.371	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Bromoform	ND		0.548	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Bromomethane	ND	J4	4.85	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Carbon disulfide	ND		0.510	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Chlorobenzene	ND		0.266	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Chloroethane	ND		2.79	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Chloroform	ND		1.28	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Chloromethane	ND		1.70	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Ethylbenzene	ND		0.234	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/09/2025 20:53	<a href="#">WG2576443</a>
2-Hexanone	ND		5.80	20.0	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Methylene Chloride	ND		1.48	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Naphthalene	ND		2.64	5.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Styrene	ND		0.342	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Tetrachloroethene	ND		0.358	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Toluene	ND		0.274	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Trichloroethene	ND		0.383	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Vinyl chloride	ND		0.458	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
Xylenes, Total	ND		0.319	3.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/09/2025 20:53	<a href="#">WG2576443</a>
(S) Toluene-d8	97.2			80.0-120		08/09/2025 20:53	<a href="#">WG2576443</a>
(S) 4-Bromofluorobenzene	98.6			77.0-126		08/09/2025 20:53	<a href="#">WG2576443</a>
(S) 1,2-Dichloroethane-d4	108			70.0-130		08/09/2025 20:53	<a href="#">WG2576443</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00550	0.0200	1	08/10/2025 00:51	<a href="#">WG2576338</a>
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200	1	08/10/2025 00:51	<a href="#">WG2576338</a>





Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	J4	0.0292	0.0500	1	08/14/2025 12:39	WG2576662
Acenaphthene	ND	J4	0.0396	0.0500	1	08/14/2025 12:39	WG2576662
Acenaphthylene	ND	J4	0.0296	0.0500	1	08/14/2025 12:39	WG2576662
Benzo(a)anthracene	ND	J4	0.0333	0.0500	1	08/14/2025 12:39	WG2576662
Benzo(a)pyrene	ND	J4	0.0320	0.0500	1	08/14/2025 12:39	WG2576662
Benzo(b)fluoranthene	ND	J4	0.0343	0.0500	1	08/14/2025 12:39	WG2576662
Benzo(g,h,i)perylene	ND	J4	0.0309	0.0500	1	08/14/2025 12:39	WG2576662
Benzo(k)fluoranthene	ND	J4	0.0909	0.250	1	08/14/2025 12:39	WG2576662
Chrysene	ND	J4	0.0347	0.0500	1	08/14/2025 12:39	WG2576662
Dibenz(a,h)anthracene	ND	J4	0.0314	0.0500	1	08/14/2025 12:39	WG2576662
Fluoranthene	ND	J4	0.0431	0.0500	1	08/14/2025 12:39	WG2576662
Fluorene	ND	J4	0.0437	0.0500	1	08/14/2025 12:39	WG2576662
Indeno(1,2,3-cd)pyrene	ND	J4	0.0348	0.0500	1	08/14/2025 12:39	WG2576662
Naphthalene	ND	J4	0.188	0.500	1	08/14/2025 12:39	WG2576662
Phenanthrene	ND	J4	0.0394	0.0500	1	08/14/2025 12:39	WG2576662
Pyrene	ND	J4	0.0430	0.0500	1	08/14/2025 12:39	WG2576662
(S) Nitrobenzene-d5	12.9			11.0-135		08/14/2025 12:39	WG2576662
(S) 2-Fluorobiphenyl	12.4	J2		32.0-120		08/14/2025 12:39	WG2576662
(S) p-Terphenyl-d14	13.1	J2		23.0-122		08/14/2025 12:39	WG2576662

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

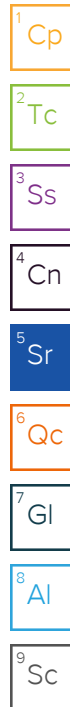
9Sc

Sample Narrative:

L1886726-01 WG2576662: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Benzene	ND		0.320	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Bromodichloromethane	ND		0.371	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Bromoform	ND		0.548	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Bromomethane	ND	J4	4.85	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Carbon disulfide	ND		0.510	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Chlorobenzene	ND		0.266	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Chloroethane	ND		2.79	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Chloroform	ND		1.28	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Chloromethane	ND		1.70	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Ethylbenzene	ND		0.234	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/09/2025 21:14	<a href="#">WG2576443</a>
2-Hexanone	ND		5.80	20.0	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Methylene Chloride	ND		1.48	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Naphthalene	ND		2.64	5.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Styrene	ND		0.342	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Tetrachloroethene	ND		0.358	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Toluene	ND		0.274	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Trichloroethene	ND		0.383	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Vinyl chloride	ND		0.458	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
Xylenes, Total	ND		0.319	3.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/09/2025 21:14	<a href="#">WG2576443</a>
(S) Toluene-d8	97.9			80.0-120		08/09/2025 21:14	<a href="#">WG2576443</a>
(S) 4-Bromofluorobenzene	97.5			77.0-126		08/09/2025 21:14	<a href="#">WG2576443</a>
(S) 1,2-Dichloroethane-d4	106			70.0-130		08/09/2025 21:14	<a href="#">WG2576443</a>



## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00556	0.0202	1.01	08/10/2025 01:01	<a href="#">WG2576338</a>
1,2-Dibromo-3-Chloropropane	ND		0.00384	0.0202	1.01	08/10/2025 01:01	<a href="#">WG2576338</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	<a href="#">J4</a>	0.0336	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Acenaphthene	ND	<a href="#">J4</a>	0.0455	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Acenaphthylene	ND	<a href="#">J4</a>	0.0340	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Benzo(a)anthracene	ND	<a href="#">J4</a>	0.0383	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Benzo(a)pyrene	ND	<a href="#">J4</a>	0.0368	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Benzo(b)fluoranthene	ND	<a href="#">J4</a>	0.0394	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Benzo(g,h,i)perylene	ND	<a href="#">J4</a>	0.0355	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Benzo(k)fluoranthene	ND	<a href="#">J4</a>	0.105	0.288	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Chrysene	ND	<a href="#">J4</a>	0.0399	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Dibenz(a,h)anthracene	ND	<a href="#">J4</a>	0.0361	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Fluoranthene	ND	<a href="#">J4</a>	0.0496	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Fluorene	ND	<a href="#">J4</a>	0.0503	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Indeno(1,2,3-cd)pyrene	ND	<a href="#">J4</a>	0.0400	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Naphthalene	ND	<a href="#">J4</a>	0.216	0.575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Phenanthrene	ND	<a href="#">J4</a>	0.0453	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
Pyrene	ND	<a href="#">J4</a>	0.0495	0.0575	1.15	08/14/2025 12:57	<a href="#">WG2576662</a>
(S) Nitrobenzene-d5	12.0			11.0-135		08/14/2025 12:57	<a href="#">WG2576662</a>
(S) 2-Fluorobiphenyl	12.9	<a href="#">J2</a>		32.0-120		08/14/2025 12:57	<a href="#">WG2576662</a>
(S) p-Terphenyl-d14	14.1	<a href="#">J2</a>		23.0-122		08/14/2025 12:57	<a href="#">WG2576662</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Sample Narrative:

L1886726-02 WG2576662: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Benzene	ND		0.320	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Bromodichloromethane	ND		0.371	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Bromoform	ND		0.548	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Bromomethane	ND	J4	4.85	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Carbon disulfide	ND		0.510	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Chlorobenzene	ND		0.266	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Chloroethane	ND		2.79	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Chloroform	ND		1.28	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Chloromethane	ND		1.70	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Ethylbenzene	ND		0.234	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/09/2025 21:36	<a href="#">WG2576443</a>
2-Hexanone	ND		5.80	20.0	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Methylene Chloride	ND		1.48	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Naphthalene	ND		2.64	5.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Styrene	ND		0.342	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Tetrachloroethene	ND		0.358	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Toluene	ND		0.274	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Trichloroethene	ND		0.383	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Vinyl chloride	ND		0.458	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
Xylenes, Total	ND		0.319	3.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/09/2025 21:36	<a href="#">WG2576443</a>
(S) Toluene-d8	97.6			80.0-120		08/09/2025 21:36	<a href="#">WG2576443</a>
(S) 4-Bromofluorobenzene	97.1			77.0-126		08/09/2025 21:36	<a href="#">WG2576443</a>
(S) 1,2-Dichloroethane-d4	108			70.0-130		08/09/2025 21:36	<a href="#">WG2576443</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00550	0.0200	1	08/10/2025 01:12	<a href="#">WG2576338</a>
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200	1	08/10/2025 01:12	<a href="#">WG2576338</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	J4	0.0292	0.0500	1	08/14/2025 13:14	WG2576662
Acenaphthene	ND	J4	0.0396	0.0500	1	08/14/2025 13:14	WG2576662
Acenaphthylene	ND	J4	0.0296	0.0500	1	08/14/2025 13:14	WG2576662
Benzo(a)anthracene	ND	J4	0.0333	0.0500	1	08/14/2025 13:14	WG2576662
Benzo(a)pyrene	ND	J4	0.0320	0.0500	1	08/14/2025 13:14	WG2576662
Benzo(b)fluoranthene	ND	J4	0.0343	0.0500	1	08/14/2025 13:14	WG2576662
Benzo(g,h,i)perylene	ND	J4	0.0309	0.0500	1	08/14/2025 13:14	WG2576662
Benzo(k)fluoranthene	ND	J4	0.0909	0.250	1	08/14/2025 13:14	WG2576662
Chrysene	ND	J4	0.0347	0.0500	1	08/14/2025 13:14	WG2576662
Dibenz(a,h)anthracene	ND	J4	0.0314	0.0500	1	08/14/2025 13:14	WG2576662
Fluoranthene	ND	J4	0.0431	0.0500	1	08/14/2025 13:14	WG2576662
Fluorene	ND	J4	0.0437	0.0500	1	08/14/2025 13:14	WG2576662
Indeno(1,2,3-cd)pyrene	ND	J4	0.0348	0.0500	1	08/14/2025 13:14	WG2576662
Naphthalene	ND	J4	0.188	0.500	1	08/14/2025 13:14	WG2576662
Phenanthrene	ND	J4	0.0394	0.0500	1	08/14/2025 13:14	WG2576662
Pyrene	ND	J4	0.0430	0.0500	1	08/14/2025 13:14	WG2576662
(S) Nitrobenzene-d5	13.2			11.0-135		08/14/2025 13:14	WG2576662
(S) 2-Fluorobiphenyl	12.3	J2		32.0-120		08/14/2025 13:14	WG2576662
(S) p-Terphenyl-d14	13.2	J2		23.0-122		08/14/2025 13:14	WG2576662

Sample Narrative:

L1886726-03 WG2576662: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

## TRIP BLANK

Collected date/time: 08/07/25 00:00

## SAMPLE RESULTS - 04

L1886726

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Benzene	ND		0.320	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Bromodichloromethane	ND		0.371	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Bromoform	ND		0.548	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Bromomethane	ND	J4	4.85	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Carbon disulfide	ND		0.510	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Chlorobenzene	ND		0.266	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Chloroethane	ND		2.79	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Chloroform	ND		1.28	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Chloromethane	ND		1.70	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Ethylbenzene	ND		0.234	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/09/2025 16:37	<a href="#">WG2576443</a>
2-Hexanone	ND		5.80	20.0	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Methylene Chloride	ND		1.48	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Naphthalene	ND		2.64	5.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Styrene	ND		0.342	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Tetrachloroethene	ND		0.358	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Toluene	ND		0.274	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Trichloroethene	ND		0.383	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Vinyl chloride	ND		0.458	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
Xylenes, Total	ND		0.319	3.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/09/2025 16:37	<a href="#">WG2576443</a>
(S) Toluene-d8	99.7			80.0-120		08/09/2025 16:37	<a href="#">WG2576443</a>
(S) 4-Bromofluorobenzene	99.6			77.0-126		08/09/2025 16:37	<a href="#">WG2576443</a>
(S) 1,2-Dichloroethane-d4	102			70.0-130		08/09/2025 16:37	<a href="#">WG2576443</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

S&amp;ME Inc. - Mt. Pleasant SC

PROJECT:

200424A PHASE 120

SDG:

L1886726

DATE/TIME:

08/22/25 17:00

PAGE:

11 of 20

Method Blank (MB)

(MB) R4257707-2 08/09/25 13:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	ND		46.9	50.0
Benzene	ND		0.320	1.00
Bromodichloromethane	ND		0.371	1.00
Bromoform	ND		0.548	1.00
Bromomethane	ND		4.85	5.00
Carbon disulfide	ND		0.510	1.00
Carbon tetrachloride	ND		0.360	1.00
Chlorobenzene	ND		0.266	1.00
Chlorodibromomethane	ND		0.398	1.00
Chloroethane	ND		2.79	5.00
Chloroform	ND		1.28	5.00
Chloromethane	ND		1.70	5.00
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00
1,2-Dibromoethane	ND		0.341	1.00
1,2-Dichlorobenzene	ND		0.304	1.00
1,3-Dichlorobenzene	ND		0.282	1.00
1,4-Dichlorobenzene	ND		0.277	1.00
1,1-Dichloroethane	ND		0.389	1.00
1,2-Dichloroethane	ND		0.395	1.00
1,1-Dichloroethene	ND		0.422	1.00
cis-1,2-Dichloroethene	ND		0.323	1.00
trans-1,2-Dichloroethene	ND		0.348	1.00
1,2-Dichloropropane	ND		0.427	1.00
cis-1,3-Dichloropropene	ND		0.348	1.00
trans-1,3-Dichloropropene	ND		0.313	1.00
Di-isopropyl ether	ND		0.105	1.00
Ethylbenzene	ND		0.234	1.00
2-Butanone (MEK)	ND		9.00	20.0
2-Hexanone	ND		5.80	20.0
Methylene Chloride	ND		1.48	5.00
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0
Methyl tert-butyl ether	ND		0.357	1.00
Naphthalene	ND		2.64	5.00
Styrene	ND		0.342	1.00
1,1,2,2-Tetrachloroethane	ND		0.354	1.00
Tetrachloroethene	ND		0.358	1.00
Toluene	ND		0.274	1.00
1,1,1-Trichloroethane	ND		0.336	1.00
1,1,2-Trichloroethane	ND		0.375	1.00
Trichloroethene	ND		0.383	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257707-2 08/09/25 13:36

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.458	1.00
Xylenes, Total	ND		0.319	3.00
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00
1,2,3-Trimethylbenzene	ND		0.339	1.00
(S) Toluene-d8	97.1			80.0-120
(S) 4-Bromofluorobenzene	98.5			77.0-126
(S) 1,2-Dichloroethane-d4	103			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4257707-1 08/09/25 12:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	125	134	107	70.0-130	
Benzene	25.0	23.4	93.6	70.0-130	
Bromodichloromethane	25.0	24.6	98.4	70.0-130	
Bromoform	25.0	22.8	91.2	70.0-130	
Bromomethane	25.0	33.7	135	70.0-130	J4
Carbon disulfide	25.0	23.4	93.6	70.0-130	
Carbon tetrachloride	25.0	26.6	106	70.0-130	
Chlorobenzene	25.0	21.7	86.8	70.0-130	
Chlorodibromomethane	25.0	22.4	89.6	70.0-130	
Chloroethane	25.0	24.4	97.6	70.0-130	
Chloroform	25.0	25.1	100	70.0-130	
Chloromethane	25.0	19.6	78.4	70.0-130	
1,2-Dibromo-3-Chloropropane	25.0	22.5	90.0	70.0-130	
1,2-Dibromoethane	25.0	21.7	86.8	70.0-130	
1,2-Dichlorobenzene	25.0	21.8	87.2	70.0-130	
1,3-Dichlorobenzene	25.0	21.2	84.8	70.0-130	
1,4-Dichlorobenzene	25.0	21.6	86.4	70.0-130	
1,1-Dichloroethane	25.0	24.2	96.8	70.0-130	
1,2-Dichloroethane	25.0	25.0	100	70.0-130	
1,1-Dichloroethene	25.0	23.8	95.2	70.0-130	
cis-1,2-Dichloroethene	25.0	23.2	92.8	70.0-130	
trans-1,2-Dichloroethene	25.0	24.2	96.8	70.0-130	
1,2-Dichloropropane	25.0	24.1	96.4	70.0-130	
cis-1,3-Dichloropropene	25.0	24.0	96.0	70.0-130	
trans-1,3-Dichloropropene	25.0	21.8	87.2	70.0-130	
Di-isopropyl ether	25.0	23.9	95.6	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Laboratory Control Sample (LCS)

(LCS) R4257707-1 08/09/25 12:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Ethylbenzene	25.0	21.7	86.8	70.0-130	
2-Butanone (MEK)	125	136	109	70.0-130	
2-Hexanone	125	121	96.8	70.0-130	
Methylene Chloride	25.0	22.5	90.0	70.0-130	
4-Methyl-2-pentanone (MIBK)	125	111	88.8	70.0-130	
Methyl tert-butyl ether	25.0	24.7	98.8	70.0-130	
Naphthalene	25.0	22.9	91.6	70.0-130	
Styrene	25.0	21.9	87.6	70.0-130	
1,1,2,2-Tetrachloroethane	25.0	20.7	82.8	70.0-130	
Tetrachloroethene	25.0	23.4	93.6	70.0-130	
Toluene	25.0	21.0	84.0	70.0-130	
1,1,1-Trichloroethane	25.0	26.4	106	70.0-130	
1,1,2-Trichloroethane	25.0	21.1	84.4	70.0-130	
Trichloroethene	25.0	24.3	97.2	70.0-130	
Vinyl chloride	25.0	28.4	114	70.0-130	
Xylenes, Total	75.0	65.0	86.7	70.0-130	
1,1,2-Trichlorotrifluoroethane	25.0	25.2	101	70.0-130	
1,2,3-Trimethylbenzene	25.0	20.8	83.2	70.0-130	
(S) Toluene-d8			93.6	80.0-120	
(S) 4-Bromofluorobenzene			97.1	77.0-126	
(S) 1,2-Dichloroethane-d4			112	70.0-130	

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4256495-1 08/09/25 19:34

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Ethylene Dibromide	ND		0.00550	0.0200
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200

L1886710-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1886710-02 08/09/25 22:39 • (DUP) R4256495-3 08/09/25 20:05

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Ethylene Dibromide	ND	ND	1.03	0.000		20
1,2-Dibromo-3-Chloropropane	ND	ND	1.03	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4256495-4 08/10/25 00:21 • (LCSD) R4256495-5 08/10/25 02:45

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Ethylene Dibromide	0.250	0.243	0.234	97.2	93.6	70.0-130			3.77	20
1,2-Dibromo-3-Chloropropane	0.250	0.208	0.197	83.2	78.8	70.0-130			5.43	20

L1886710-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1886710-03 08/09/25 19:55 • (MS) R4256495-2 08/09/25 19:44

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ethylene Dibromide	0.106	ND	0.103	97.2	1.06	60.0-140	
1,2-Dibromo-3-Chloropropane	0.106	ND	0.0995	93.9	1.06	60.0-140	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4261188-2 08/14/25 08:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	ND		0.0292	0.0500
Acenaphthene	ND		0.0396	0.0500
Acenaphthylene	ND		0.0296	0.0500
Benzo(a)anthracene	ND		0.0333	0.0500
Benzo(a)pyrene	ND		0.0320	0.0500
Benzo(b)fluoranthene	ND		0.0343	0.0500
Benzo(g,h,i)perylene	ND		0.0309	0.0500
Benzo(k)fluoranthene	ND		0.0909	0.250
Chrysene	ND		0.0347	0.0500
Dibenz(a,h)anthracene	ND		0.0314	0.0500
Fluoranthene	ND		0.0431	0.0500
Fluorene	ND		0.0437	0.0500
Indeno(1,2,3-cd)pyrene	ND		0.0348	0.0500
Naphthalene	ND		0.188	0.500
Phenanthrene	ND		0.0394	0.0500
Pyrene	ND		0.0430	0.0500
(S) Nitrobenzene-d5	12.9			11.0-135
(S) 2-Fluorobiphenyl	12.9	J2		32.0-120
(S) p-Terphenyl-d14	13.4	J2		23.0-122

Laboratory Control Sample (LCS)

(LCS) R4261188-1 08/14/25 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	2.00	0.284	14.2	70.0-130	J4
Acenaphthene	2.00	0.278	13.9	70.0-130	J4
Acenaphthylene	2.00	0.281	14.0	70.0-130	J4
Benzo(a)anthracene	2.00	0.306	15.3	70.0-130	J4
Benzo(a)pyrene	2.00	0.289	14.4	70.0-130	J4
Benzo(b)fluoranthene	2.00	0.296	14.8	70.0-130	J4
Benzo(g,h,i)perylene	2.00	0.284	14.2	70.0-130	J4
Benzo(k)fluoranthene	2.00	0.287	14.4	70.0-130	J4
Chrysene	2.00	0.324	16.2	70.0-130	J4
Dibenz(a,h)anthracene	2.00	0.275	13.7	70.0-130	J4
Fluoranthene	2.00	0.312	15.6	70.0-130	J4
Fluorene	2.00	0.299	14.9	70.0-130	J4
Indeno(1,2,3-cd)pyrene	2.00	0.271	13.6	70.0-130	J4
Naphthalene	2.00	0.298	14.9	70.0-130	J J4

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4261188-1 08/14/25 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	2.00	0.297	14.8	70.0-130	J4
Pyrene	2.00	0.314	15.7	70.0-130	J4
(S) Nitrobenzene-d5			13.7	11.0-135	
(S) 2-Fluorobiphenyl			14.0	32.0-120	J2
(S) p-Terphenyl-d14			15.4	23.0-122	J2

L1886209-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1886209-21 08/14/25 10:37 • (MS) R4261188-3 08/14/25 10:54 • (MSD) R4261188-4 08/14/25 11:12

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	1.90	ND	0.141	0.167	7.42	8.79	1	51.0-120	J6	J6	16.9	20
Acenaphthene	1.90	ND	0.174	0.194	9.16	10.2	1	50.0-120	J6	J6	10.9	20
Acenaphthylene	1.90	ND	0.184	0.191	9.68	10.1	1	49.0-120	J6	J6	3.73	20
Benzo(a)anthracene	1.90	ND	0.101	0.104	5.32	5.47	1	49.0-120	J6	J6	2.93	20
Benzo(a)pyrene	1.90	ND	0.0743	0.0758	3.91	3.99	1	50.0-122	J6	J6	2.00	20
Benzo(b)fluoranthene	1.90	ND	0.0745	0.0779	3.92	4.10	1	48.0-120	J6	J6	4.46	22
Benzo(g,h,i)perylene	1.90	ND	0.0461	0.0526	2.43	2.77	1	38.0-126	J J6	J6	13.2	22
Benzo(k)fluoranthene	1.90	ND	ND	ND	0.000	0.000	1	48.0-120	J6	J6	0.000	22
Chrysene	1.90	ND	0.107	0.108	5.63	5.68	1	51.0-120	J6	J6	0.930	20
Dibenz(a,h)anthracene	1.90	ND	0.0473	0.0458	2.49	2.41	1	30.0-130	J J6	J J6	3.22	26
Fluoranthene	1.90	ND	0.135	0.143	7.11	7.53	1	50.0-121	J6	J6	5.76	20
Fluorene	1.90	ND	0.184	0.220	9.68	11.6	1	48.0-120	J6	J6	17.8	20
Indeno(1,2,3-cd)pyrene	1.90	ND	0.0406	0.0463	2.14	2.44	1	39.0-125	J J6	J J6	13.1	21
Naphthalene	1.90	0.402	0.533	0.514	6.89	5.89	1	46.0-120	J6	J6	3.63	20
Phenanthrene	1.90	ND	0.155	0.169	8.16	8.89	1	50.0-120	J6	J6	8.64	20
Pyrene	1.90	ND	0.133	0.140	7.00	7.37	1	49.0-127	J6	J6	5.13	20
(S) Nitrobenzene-d5					10.7	8.05		11.0-135	J2	J2		
(S) 2-Fluorobiphenyl					8.37	10.4		32.0-120	J2	J2		
(S) p-Terphenyl-d14					5.06	5.21		23.0-122	J2	J2		

Sample Narrative:

OS: Duplicate Analysis performed due to QC failure. Results don't confirm; both analyses reported

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

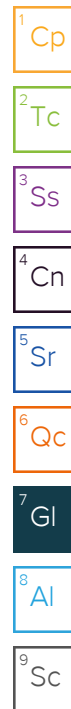
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

## Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



# ACCREDITATIONS & LOCATIONS

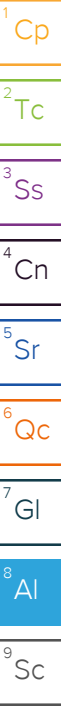
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.







**S&ME Inc. - Mt. Pleasant SC**

Sample Delivery Group: L1886290  
Samples Received: 08/07/2025  
Project Number: 200424A PHASE 120  
Description: I-526 Long Point Road

Report To: Mary Beth Cline  
620 Wando Park Blvd  
Mt. Pleasant, SC 29464

Entire Report Reviewed By:



Heather J Wagner  
Project Manager

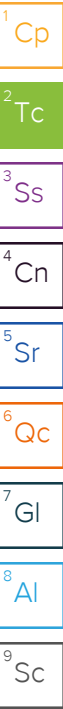
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [mydata.pacelabs.com](https://mydata.pacelabs.com)



# TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
SCSPA-TW-03 L1886290-01	5
SCSPA-TW-01 L1886290-02	7
WF8T-TW-01 L1886290-03	9
SCSPA-TW-04 L1886290-04	11
SCSPA-TW-02 L1886290-05	13
TRIP BLANK L1886290-06	15
Qc: Quality Control Summary	16
Volatile Organic Compounds (GC/MS) by Method 8260D	16
EDB / DBCP by Method 8011	19
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	21
Gl: Glossary of Terms	24
Al: Accreditations & Locations	25
Sc: Sample Chain of Custody	26



# SAMPLE SUMMARY

## SCSPA-TW-03 L1886290-01

Collected by  
David Corry

Collected date/time  
08/06/25 10:20

Received date/time  
08/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 17:19	08/08/25 17:19	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2575691	1	08/08/25 14:30	08/08/25 22:48	MEW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1	08/12/25 08:17	08/14/25 10:19	AMM	Mt. Juliet, TN

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

## SCSPA-TW-01 L1886290-02

Collected by  
David Corry

Collected date/time  
08/06/25 11:10

Received date/time  
08/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 17:42	08/08/25 17:42	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2575691	1.09	08/08/25 14:30	08/08/25 22:58	MEW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1	08/12/25 08:17	08/14/25 11:29	AMM	Mt. Juliet, TN

## WF8T-TW-01 L1886290-03

Collected by  
David Corry

Collected date/time  
08/06/25 12:28

Received date/time  
08/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 18:05	08/08/25 18:05	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2575691	1	08/08/25 14:30	08/08/25 23:08	MEW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1.12	08/12/25 08:17	08/14/25 11:47	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2582200	1.09	08/19/25 07:24	08/20/25 04:18	AMM	Mt. Juliet, TN

## SCSPA-TW-04 L1886290-04

Collected by  
David Corry

Collected date/time  
08/06/25 13:12

Received date/time  
08/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 18:27	08/08/25 18:27	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2575691	1.03	08/08/25 14:30	08/08/25 23:18	MEW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1	08/12/25 08:17	08/14/25 12:04	AMM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2582200	1	08/19/25 07:24	08/20/25 03:38	AMM	Mt. Juliet, TN

## SCSPA-TW-02 L1886290-05

Collected by  
David Corry

Collected date/time  
08/06/25 14:02

Received date/time  
08/07/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 18:50	08/08/25 18:50	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2575691	1	08/08/25 14:30	08/08/25 23:28	MEW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2576662	1	08/12/25 08:17	08/14/25 12:22	AMM	Mt. Juliet, TN

## TRIP BLANK L1886290-06

Collected by  
David Corry

Collected date/time  
08/06/25 00:00

Received date/time  
08/07/25 09:00

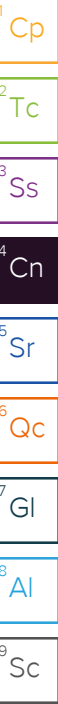
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2575832	1	08/08/25 14:35	08/08/25 14:35	JAH	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2576335	1.06	08/09/25 10:39	08/09/25 22:35	HMH	Mt. Juliet, TN

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Heather J Wagner  
Project Manager



## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 17:19	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 17:19	<a href="#">WG2575832</a>
(S) Toluene-d8	99.7			80.0-120		08/08/2025 17:19	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	101			77.0-126		08/08/2025 17:19	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	79.8			70.0-130		08/08/2025 17:19	<a href="#">WG2575832</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00550	0.0200	1	08/08/2025 22:48	<a href="#">WG2575691</a>
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200	1	08/08/2025 22:48	<a href="#">WG2575691</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	J4	0.0292	0.0500	1	08/14/2025 10:19	WG2576662
Acenaphthene	ND	J4	0.0396	0.0500	1	08/14/2025 10:19	WG2576662
Acenaphthylene	ND	J4	0.0296	0.0500	1	08/14/2025 10:19	WG2576662
Benzo(a)anthracene	ND	J4	0.0333	0.0500	1	08/14/2025 10:19	WG2576662
Benzo(a)pyrene	ND	J4	0.0320	0.0500	1	08/14/2025 10:19	WG2576662
Benzo(b)fluoranthene	ND	J4	0.0343	0.0500	1	08/14/2025 10:19	WG2576662
Benzo(g,h,i)perylene	ND	J4	0.0309	0.0500	1	08/14/2025 10:19	WG2576662
Benzo(k)fluoranthene	ND	J4	0.0909	0.250	1	08/14/2025 10:19	WG2576662
Chrysene	ND	J4	0.0347	0.0500	1	08/14/2025 10:19	WG2576662
Dibenz(a,h)anthracene	ND	J4	0.0314	0.0500	1	08/14/2025 10:19	WG2576662
Fluoranthene	ND	J4	0.0431	0.0500	1	08/14/2025 10:19	WG2576662
Fluorene	ND	J4	0.0437	0.0500	1	08/14/2025 10:19	WG2576662
Indeno(1,2,3-cd)pyrene	ND	J4	0.0348	0.0500	1	08/14/2025 10:19	WG2576662
Naphthalene	ND	J4	0.188	0.500	1	08/14/2025 10:19	WG2576662
Phenanthrene	ND	J4	0.0394	0.0500	1	08/14/2025 10:19	WG2576662
Pyrene	ND	J4	0.0430	0.0500	1	08/14/2025 10:19	WG2576662
(S) Nitrobenzene-d5	10.8	J2		11.0-135		08/14/2025 10:19	WG2576662
(S) 2-Fluorobiphenyl	11.0	J2		32.0-120		08/14/2025 10:19	WG2576662
(S) p-Terphenyl-d14	11.3	J2		23.0-122		08/14/2025 10:19	WG2576662

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Sample Narrative:

L1886290-01 WG2576662: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 17:42	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 17:42	<a href="#">WG2575832</a>
(S) Toluene-d8	98.7			80.0-120		08/08/2025 17:42	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	103			77.0-126		08/08/2025 17:42	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	77.6			70.0-130		08/08/2025 17:42	<a href="#">WG2575832</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00600	0.0218	1.09	08/08/2025 22:58	<a href="#">WG2575691</a>
1,2-Dibromo-3-Chloropropane	ND		0.00414	0.0218	1.09	08/08/2025 22:58	<a href="#">WG2575691</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	J4	0.0292	0.0500	1	08/14/2025 11:29	WG2576662
Acenaphthene	ND	J4	0.0396	0.0500	1	08/14/2025 11:29	WG2576662
Acenaphthylene	ND	J4	0.0296	0.0500	1	08/14/2025 11:29	WG2576662
Benzo(a)anthracene	ND	J4	0.0333	0.0500	1	08/14/2025 11:29	WG2576662
Benzo(a)pyrene	ND	J4	0.0320	0.0500	1	08/14/2025 11:29	WG2576662
Benzo(b)fluoranthene	ND	J4	0.0343	0.0500	1	08/14/2025 11:29	WG2576662
Benzo(g,h,i)perylene	ND	J4	0.0309	0.0500	1	08/14/2025 11:29	WG2576662
Benzo(k)fluoranthene	ND	J4	0.0909	0.250	1	08/14/2025 11:29	WG2576662
Chrysene	ND	J4	0.0347	0.0500	1	08/14/2025 11:29	WG2576662
Dibenz(a,h)anthracene	ND	J4	0.0314	0.0500	1	08/14/2025 11:29	WG2576662
Fluoranthene	ND	J4	0.0431	0.0500	1	08/14/2025 11:29	WG2576662
Fluorene	ND	J4	0.0437	0.0500	1	08/14/2025 11:29	WG2576662
Indeno(1,2,3-cd)pyrene	ND	J4	0.0348	0.0500	1	08/14/2025 11:29	WG2576662
Naphthalene	ND	J4	0.188	0.500	1	08/14/2025 11:29	WG2576662
Phenanthrene	ND	J4	0.0394	0.0500	1	08/14/2025 11:29	WG2576662
Pyrene	ND	J4	0.0430	0.0500	1	08/14/2025 11:29	WG2576662
(S) Nitrobenzene-d5	11.6			11.0-135		08/14/2025 11:29	WG2576662
(S) 2-Fluorobiphenyl	9.79	J2		32.0-120		08/14/2025 11:29	WG2576662
(S) p-Terphenyl-d14	12.1	J2		23.0-122		08/14/2025 11:29	WG2576662

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Sample Narrative:

L1886290-02 WG2576662: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 18:05	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 18:05	<a href="#">WG2575832</a>
(S) Toluene-d8	100			80.0-120		08/08/2025 18:05	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	104			77.0-126		08/08/2025 18:05	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	80.4			70.0-130		08/08/2025 18:05	<a href="#">WG2575832</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00550	0.0200	1	08/08/2025 23:08	<a href="#">WG2575691</a>
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200	1	08/08/2025 23:08	<a href="#">WG2575691</a>



Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	<a href="#">J4</a>	0.0327	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Acenaphthene	0.323	<a href="#">J4 Q</a>	0.0432	0.0545	1.09	08/20/2025 04:18	<a href="#">WG2582200</a>
Acenaphthylene	ND	<a href="#">J4</a>	0.0332	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Benzo(a)anthracene	ND	<a href="#">J4</a>	0.0373	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Benzo(a)pyrene	ND	<a href="#">J4</a>	0.0358	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Benzo(b)fluoranthene	ND	<a href="#">J4</a>	0.0384	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Benzo(g,h,i)perylene	ND	<a href="#">J4</a>	0.0346	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Benzo(k)fluoranthene	ND	<a href="#">J4</a>	0.102	0.280	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Chrysene	ND	<a href="#">J4</a>	0.0389	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Dibenz(a,h)anthracene	ND	<a href="#">J4</a>	0.0352	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Fluoranthene	ND	<a href="#">J4</a>	0.0483	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Fluorene	ND	<a href="#">J4</a>	0.0489	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Indeno(1,2,3-cd)pyrene	ND	<a href="#">J4</a>	0.0390	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Naphthalene	ND	<a href="#">J4</a>	0.211	0.560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
Phenanthrene	0.0945	<a href="#">Q</a>	0.0429	0.0545	1.09	08/20/2025 04:18	<a href="#">WG2582200</a>
Pyrene	ND	<a href="#">J4</a>	0.0482	0.0560	1.12	08/14/2025 11:47	<a href="#">WG2576662</a>
(S) Nitrobenzene-d5	11.6			11.0-135		08/14/2025 11:47	<a href="#">WG2576662</a>
(S) Nitrobenzene-d5	89.9			11.0-135		08/20/2025 04:18	<a href="#">WG2582200</a>
(S) 2-Fluorobiphenyl	12.5	<a href="#">J2</a>		32.0-120		08/14/2025 11:47	<a href="#">WG2576662</a>
(S) 2-Fluorobiphenyl	84.3			32.0-120		08/20/2025 04:18	<a href="#">WG2582200</a>
(S) p-Terphenyl-d14	14.0	<a href="#">J2</a>		23.0-122		08/14/2025 11:47	<a href="#">WG2576662</a>
(S) p-Terphenyl-d14	87.6			23.0-122		08/20/2025 04:18	<a href="#">WG2582200</a>

Sample Narrative:

L1886290-03 WG2582200: Re-analysis performed out of hold due to QC failure in the initial in hold run.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 18:27	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 18:27	<a href="#">WG2575832</a>
(S) Toluene-d8	102			80.0-120		08/08/2025 18:27	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	98.3			77.0-126		08/08/2025 18:27	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	78.6			70.0-130		08/08/2025 18:27	<a href="#">WG2575832</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00567	0.0206	1.03	08/08/2025 23:18	<a href="#">WG2575691</a>
1,2-Dibromo-3-Chloropropane	ND		0.00391	0.0206	1.03	08/08/2025 23:18	<a href="#">WG2575691</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	<a href="#">J4</a>	0.0292	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Acenaphthene	ND	<a href="#">J4</a>	0.0396	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Acenaphthylene	ND	<a href="#">J4</a>	0.0296	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Benzo(a)anthracene	0.0459	<a href="#">J Q</a>	0.0333	0.0500	1	08/20/2025 03:38	<a href="#">WG2582200</a>
Benzo(a)pyrene	ND	<a href="#">J4</a>	0.0320	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Benzo(b)fluoranthene	ND	<a href="#">J4</a>	0.0343	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Benzo(g,h,i)perylene	ND	<a href="#">J4</a>	0.0309	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Benzo(k)fluoranthene	ND	<a href="#">J4</a>	0.0909	0.250	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Chrysene	0.0452	<a href="#">J Q</a>	0.0347	0.0500	1	08/20/2025 03:38	<a href="#">WG2582200</a>
Dibenz(a,h)anthracene	0.0339	<a href="#">J Q</a>	0.0314	0.0500	1	08/20/2025 03:38	<a href="#">WG2582200</a>
Fluoranthene	ND	<a href="#">J4</a>	0.0431	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Fluorene	ND	<a href="#">J4</a>	0.0437	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Indeno(1,2,3-cd)pyrene	ND	<a href="#">J4</a>	0.0348	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Naphthalene	ND	<a href="#">J4</a>	0.188	0.500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Phenanthrene	ND	<a href="#">J4</a>	0.0394	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
Pyrene	ND	<a href="#">J4</a>	0.0430	0.0500	1	08/14/2025 12:04	<a href="#">WG2576662</a>
(S) Nitrobenzene-d5	11.9			11.0-135		08/14/2025 12:04	<a href="#">WG2576662</a>
(S) Nitrobenzene-d5	84.0			11.0-135		08/20/2025 03:38	<a href="#">WG2582200</a>
(S) 2-Fluorobiphenyl	11.3	<a href="#">J2</a>		32.0-120		08/14/2025 12:04	<a href="#">WG2576662</a>
(S) 2-Fluorobiphenyl	78.5			32.0-120		08/20/2025 03:38	<a href="#">WG2582200</a>
(S) p-Terphenyl-d14	12.1	<a href="#">J2</a>		23.0-122		08/14/2025 12:04	<a href="#">WG2576662</a>
(S) p-Terphenyl-d14	107			23.0-122		08/20/2025 03:38	<a href="#">WG2582200</a>

Sample Narrative:

L1886290-04 WG2582200: Re-analysis performed out of hold due to QC failure in the initial in hold run.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	ND		46.9	50.0	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 18:50	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 18:50	<a href="#">WG2575832</a>
(S) Toluene-d8	96.6			80.0-120		08/08/2025 18:50	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	104			77.0-126		08/08/2025 18:50	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	82.1			70.0-130		08/08/2025 18:50	<a href="#">WG2575832</a>

## EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Ethylene Dibromide	ND		0.00550	0.0200	1	08/08/2025 23:28	<a href="#">WG2575691</a>
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200	1	08/08/2025 23:28	<a href="#">WG2575691</a>

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND	<a href="#">J4</a>	0.0292	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Acenaphthene	ND	<a href="#">J4</a>	0.0396	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Acenaphthylene	ND	<a href="#">J4</a>	0.0296	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Benzo(a)anthracene	ND	<a href="#">J4</a>	0.0333	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Benzo(a)pyrene	ND	<a href="#">J4</a>	0.0320	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Benzo(b)fluoranthene	ND	<a href="#">J4</a>	0.0343	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Benzo(g,h,i)perylene	ND	<a href="#">J4</a>	0.0309	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Benzo(k)fluoranthene	ND	<a href="#">J4</a>	0.0909	0.250	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Chrysene	ND	<a href="#">J4</a>	0.0347	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Dibenz(a,h)anthracene	ND	<a href="#">J4</a>	0.0314	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Fluoranthene	ND	<a href="#">J4</a>	0.0431	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Fluorene	ND	<a href="#">J4</a>	0.0437	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Indeno(1,2,3-cd)pyrene	ND	<a href="#">J4</a>	0.0348	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Naphthalene	ND	<a href="#">J4</a>	0.188	0.500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Phenanthrene	ND	<a href="#">J4</a>	0.0394	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
Pyrene	ND	<a href="#">J4</a>	0.0430	0.0500	1	08/14/2025 12:22	<a href="#">WG2576662</a>
(S) Nitrobenzene-d5	12.2			11.0-135		08/14/2025 12:22	<a href="#">WG2576662</a>
(S) 2-Fluorobiphenyl	12.1	<a href="#">J2</a>		32.0-120		08/14/2025 12:22	<a href="#">WG2576662</a>
(S) p-Terphenyl-d14	13.6	<a href="#">J2</a>		23.0-122		08/14/2025 12:22	<a href="#">WG2576662</a>

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Sample Narrative:

L1886290-05 WG2576662: Duplicate Analysis performed due to QC failure. Results confirm; reporting in hold data

## TRIP BLANK

Collected date/time: 08/06/25 00:00

## SAMPLE RESULTS - 06

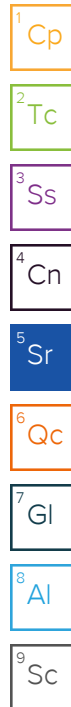
L1886290

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		46.9	50.0	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Benzene	ND		0.320	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Bromodichloromethane	ND		0.371	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Bromoform	ND		0.548	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Bromomethane	ND		4.85	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Carbon disulfide	ND		0.510	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Carbon tetrachloride	ND		0.360	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Chlorobenzene	ND		0.266	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Chlorodibromomethane	ND		0.398	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Chloroethane	ND		2.79	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Chloroform	ND		1.28	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Chloromethane	ND		1.70	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,2-Dibromo-3-Chloropropane	ND	<a href="#">J4</a>	1.25	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,2-Dibromoethane	ND		0.341	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,2-Dichlorobenzene	ND		0.304	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,3-Dichlorobenzene	ND		0.282	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,4-Dichlorobenzene	ND		0.277	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,1-Dichloroethane	ND		0.389	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,2-Dichloroethane	ND		0.395	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,1-Dichloroethene	ND		0.422	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
cis-1,2-Dichloroethene	ND		0.323	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
trans-1,2-Dichloroethene	ND		0.348	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,2-Dichloropropane	ND		0.427	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
cis-1,3-Dichloropropene	ND		0.348	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
trans-1,3-Dichloropropene	ND		0.313	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Di-isopropyl ether	ND		0.105	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Ethylbenzene	ND		0.234	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
2-Butanone (MEK)	ND		9.00	20.0	1	08/08/2025 14:35	<a href="#">WG2575832</a>
2-Hexanone	ND		5.80	20.0	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Methylene Chloride	ND		1.48	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Methyl tert-butyl ether	ND		0.357	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Naphthalene	ND		2.64	5.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Styrene	ND		0.342	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,1,2,2-Tetrachloroethane	ND		0.354	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Tetrachloroethene	ND		0.358	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Toluene	ND		0.274	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,1,1-Trichloroethane	ND		0.336	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,1,2-Trichloroethane	ND		0.375	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Trichloroethene	ND		0.383	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Vinyl chloride	ND		0.458	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
Xylenes, Total	ND		0.319	3.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
1,2,3-Trimethylbenzene	ND		0.339	1.00	1	08/08/2025 14:35	<a href="#">WG2575832</a>
(S) Toluene-d8	98.8			80.0-120		08/08/2025 14:35	<a href="#">WG2575832</a>
(S) 4-Bromofluorobenzene	105			77.0-126		08/08/2025 14:35	<a href="#">WG2575832</a>
(S) 1,2-Dichloroethane-d4	78.0			70.0-130		08/08/2025 14:35	<a href="#">WG2575832</a>

## EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	ND		0.00583	0.0212	1.06	08/09/2025 22:35	<a href="#">WG2576335</a>
1,2-Dibromo-3-Chloropropane	ND		0.00403	0.0212	1.06	08/09/2025 22:35	<a href="#">WG2576335</a>



Method Blank (MB)

(MB) R4257869-3 08/08/25 13:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	ND		46.9	50.0
Benzene	ND		0.320	1.00
Bromodichloromethane	ND		0.371	1.00
Bromoform	ND		0.548	1.00
Bromomethane	ND		4.85	5.00
Carbon disulfide	ND		0.510	1.00
Carbon tetrachloride	ND		0.360	1.00
Chlorobenzene	ND		0.266	1.00
Chlorodibromomethane	ND		0.398	1.00
Chloroethane	ND		2.79	5.00
Chloroform	ND		1.28	5.00
Chloromethane	ND		1.70	5.00
1,2-Dibromo-3-Chloropropane	ND		1.25	5.00
1,2-Dibromoethane	ND		0.341	1.00
1,2-Dichlorobenzene	ND		0.304	1.00
1,3-Dichlorobenzene	ND		0.282	1.00
1,4-Dichlorobenzene	ND		0.277	1.00
1,1-Dichloroethane	ND		0.389	1.00
1,2-Dichloroethane	ND		0.395	1.00
1,1-Dichloroethene	ND		0.422	1.00
cis-1,2-Dichloroethene	ND		0.323	1.00
trans-1,2-Dichloroethene	ND		0.348	1.00
1,2-Dichloropropane	ND		0.427	1.00
cis-1,3-Dichloropropene	ND		0.348	1.00
trans-1,3-Dichloropropene	ND		0.313	1.00
Di-isopropyl ether	ND		0.105	1.00
Ethylbenzene	ND		0.234	1.00
2-Butanone (MEK)	ND		9.00	20.0
2-Hexanone	ND		5.80	20.0
Methylene Chloride	ND		1.48	5.00
4-Methyl-2-pentanone (MIBK)	ND		7.52	20.0
Methyl tert-butyl ether	ND		0.357	1.00
Naphthalene	ND		2.64	5.00
Styrene	ND		0.342	1.00
1,1,2,2-Tetrachloroethane	ND		0.354	1.00
Tetrachloroethene	ND		0.358	1.00
Toluene	ND		0.274	1.00
1,1,1-Trichloroethane	ND		0.336	1.00
1,1,2-Trichloroethane	ND		0.375	1.00
Trichloroethene	ND		0.383	1.00

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R4257869-3 08/08/25 13:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Vinyl chloride	ND		0.458	1.00
Xylenes, Total	ND		0.319	3.00
1,1,2-Trichlorotrifluoroethane	ND		0.643	1.00
1,2,3-Trimethylbenzene	ND		0.339	1.00
(S) Toluene-d8	99.6			80.0-120
(S) 4-Bromofluorobenzene	105			77.0-126
(S) 1,2-Dichloroethane-d4	78.8			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257869-1 08/08/25 11:55 • (LCSD) R4257869-2 08/08/25 12:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	125	128	124	102	99.2	70.0-130	E		3.17	27
Benzene	25.0	24.5	24.2	98.0	96.8	70.0-130			1.23	20
Bromodichloromethane	25.0	22.8	22.9	91.2	91.6	70.0-130			0.438	20
Bromoform	25.0	20.8	21.1	83.2	84.4	70.0-130			1.43	20
Bromomethane	25.0	20.0	20.6	80.0	82.4	70.0-130			2.96	25
Carbon disulfide	25.0	25.5	26.3	102	105	70.0-130			3.09	20
Carbon tetrachloride	25.0	21.9	22.3	87.6	89.2	70.0-130			1.81	20
Chlorobenzene	25.0	21.9	22.4	87.6	89.6	70.0-130			2.26	20
Chlorodibromomethane	25.0	21.6	22.7	86.4	90.8	70.0-130			4.97	20
Chloroethane	25.0	19.0	19.3	76.0	77.2	70.0-130			1.57	20
Chloroform	25.0	23.7	24.0	94.8	96.0	70.0-130			1.26	20
Chloromethane	25.0	27.6	29.1	110	116	70.0-130			5.29	20
1,2-Dibromo-3-Chloropropane	25.0	19.0	17.3	76.0	69.2	70.0-130		J4	9.37	20
1,2-Dibromoethane	25.0	21.8	21.9	87.2	87.6	70.0-130			0.458	20
1,2-Dichlorobenzene	25.0	20.7	21.7	82.8	86.8	70.0-130			4.72	20
1,3-Dichlorobenzene	25.0	21.2	22.3	84.8	89.2	70.0-130			5.06	20
1,4-Dichlorobenzene	25.0	19.8	20.3	79.2	81.2	70.0-130			2.49	20
1,1-Dichloroethane	25.0	26.5	26.9	106	108	70.0-130			1.50	20
1,2-Dichloroethane	25.0	20.6	21.0	82.4	84.0	70.0-130			1.92	20
1,1-Dichloroethene	25.0	26.7	26.9	107	108	70.0-130			0.746	20
cis-1,2-Dichloroethene	25.0	26.0	26.4	104	106	70.0-130			1.53	20
trans-1,2-Dichloroethene	25.0	26.2	26.3	105	105	70.0-130			0.381	20
1,2-Dichloropropane	25.0	26.8	27.2	107	109	70.0-130			1.48	20
cis-1,3-Dichloropropene	25.0	25.9	26.5	104	106	70.0-130			2.29	20
trans-1,3-Dichloropropene	25.0	21.9	22.4	87.6	89.6	70.0-130			2.26	20
Di-isopropyl ether	25.0	30.0	30.0	120	120	70.0-130			0.000	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4257869-1 08/08/25 11:55 • (LCSD) R4257869-2 08/08/25 12:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	25.0	21.6	22.2	86.4	88.8	70.0-130			2.74	20
2-Butanone (MEK)	125	137	136	110	109	70.0-130			0.733	20
2-Hexanone	125	130	135	104	108	70.0-130			3.77	20
Methylene Chloride	25.0	23.6	24.2	94.4	96.8	70.0-130			2.51	20
4-Methyl-2-pentanone (MIBK)	125	133	133	106	106	70.0-130			0.000	20
Methyl tert-butyl ether	25.0	24.5	24.2	98.0	96.8	70.0-130			1.23	20
Naphthalene	25.0	24.2	23.2	96.8	92.8	70.0-130			4.22	20
Styrene	25.0	22.3	23.1	89.2	92.4	70.0-130			3.52	20
1,1,2,2-Tetrachloroethane	25.0	24.1	24.1	96.4	96.4	70.0-130			0.000	20
Tetrachloroethene	25.0	22.4	23.5	89.6	94.0	70.0-130			4.79	20
Toluene	25.0	22.3	23.0	89.2	92.0	70.0-130			3.09	20
1,1,1-Trichloroethane	25.0	23.4	23.4	93.6	93.6	70.0-130			0.000	20
1,1,2-Trichloroethane	25.0	23.4	24.6	93.6	98.4	70.0-130			5.00	20
Trichloroethene	25.0	23.1	24.3	92.4	97.2	70.0-130			5.06	20
Vinyl chloride	25.0	20.8	21.6	83.2	86.4	70.0-130			3.77	20
Xylenes, Total	75.0	67.0	69.1	89.3	92.1	70.0-130			3.09	20
1,1,2-Trichlorotrifluoroethane	25.0	24.5	25.1	98.0	100	70.0-130			2.42	20
1,2,3-Trimethylbenzene	25.0	20.1	20.3	80.4	81.2	70.0-130			0.990	20
(S) Toluene-d8				95.7	95.5	80.0-120				
(S) 4-Bromofluorobenzene				96.8	100	77.0-126				
(S) 1,2-Dichloroethane-d4				84.6	82.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4256411-1 08/08/25 19:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylene Dibromide	ND		0.00550	0.0200
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200

L1886032-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1886032-01 08/08/25 19:59 • (DUP) R4256411-3 08/08/25 19:49

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP RPD Limits %
Ethylene Dibromide	ND	ND	1.01	0.000	20
1,2-Dibromo-3-Chloropropane	ND	ND	1.01	0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4256411-4 08/08/25 21:38 • (LCSD) R4256411-5 08/08/25 23:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.250	0.246	0.240	98.4	96.0	70.0-130			2.47	20
1,2-Dibromo-3-Chloropropane	0.250	0.217	0.222	86.8	88.8	70.0-130			2.28	20

L1886032-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1886032-02 08/08/25 19:39 • (MS) R4256411-2 08/08/25 19:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.103	ND	0.127	123	1.03	60.0-140	
1,2-Dibromo-3-Chloropropane	0.103	ND	0.115	112	1.03	60.0-140	

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Method Blank (MB)

(MB) R4258094-1 08/09/25 19:26

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Ethylene Dibromide	ND		0.00550	0.0200
1,2-Dibromo-3-Chloropropane	ND		0.00380	0.0200

L1886069-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1886069-07 08/09/25 20:06 • (DUP) R4258094-3 08/09/25 19:56

	Original Result	DUP Result	Dilution	DUP RPD	DUP RPD Limits
Analyte	ug/l	ug/l		%	%
Ethylene Dibromide	ND	ND	1	0.000	20
1,2-Dibromo-3-Chloropropane	ND	ND	1	0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4258094-4 08/09/25 21:45 • (LCSD) R4258094-5 08/09/25 23:54

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Ethylene Dibromide	0.250	0.258	0.240	103	96.0	70.0-130			7.23	20
1,2-Dibromo-3-Chloropropane	0.250	0.218	0.214	87.2	85.6	70.0-130			1.85	20

L1886069-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1886069-08 08/09/25 19:46 • (MS) R4258094-2 08/09/25 19:36

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ethylene Dibromide	0.0995	ND	0.124	125	1	60.0-140	
1,2-Dibromo-3-Chloropropane	0.0995	ND	0.117	118	1	60.0-140	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4261188-2 08/14/25 08:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Anthracene	ND		0.0292	0.0500
Acenaphthene	ND		0.0396	0.0500
Acenaphthylene	ND		0.0296	0.0500
Benzo(a)anthracene	ND		0.0333	0.0500
Benzo(a)pyrene	ND		0.0320	0.0500
Benzo(b)fluoranthene	ND		0.0343	0.0500
Benzo(g,h,i)perylene	ND		0.0309	0.0500
Benzo(k)fluoranthene	ND		0.0909	0.250
Chrysene	ND		0.0347	0.0500
Dibenz(a,h)anthracene	ND		0.0314	0.0500
Fluoranthene	ND		0.0431	0.0500
Fluorene	ND		0.0437	0.0500
Indeno(1,2,3-cd)pyrene	ND		0.0348	0.0500
Naphthalene	ND		0.188	0.500
Phenanthrene	ND		0.0394	0.0500
Pyrene	ND		0.0430	0.0500
(S) Nitrobenzene-d5	12.9			11.0-135
(S) 2-Fluorobiphenyl	12.9	J2		32.0-120
(S) p-Terphenyl-d14	13.4	J2		23.0-122

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Laboratory Control Sample (LCS)

(LCS) R4261188-1 08/14/25 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	2.00	0.284	14.2	70.0-130	J4
Acenaphthene	2.00	0.278	13.9	70.0-130	J4
Acenaphthylene	2.00	0.281	14.0	70.0-130	J4
Benzo(a)anthracene	2.00	0.306	15.3	70.0-130	J4
Benzo(a)pyrene	2.00	0.289	14.4	70.0-130	J4
Benzo(b)fluoranthene	2.00	0.296	14.8	70.0-130	J4
Benzo(g,h,i)perylene	2.00	0.284	14.2	70.0-130	J4
Benzo(k)fluoranthene	2.00	0.287	14.4	70.0-130	J4
Chrysene	2.00	0.324	16.2	70.0-130	J4
Dibenz(a,h)anthracene	2.00	0.275	13.7	70.0-130	J4
Fluoranthene	2.00	0.312	15.6	70.0-130	J4
Fluorene	2.00	0.299	14.9	70.0-130	J4
Indeno(1,2,3-cd)pyrene	2.00	0.271	13.6	70.0-130	J4
Naphthalene	2.00	0.298	14.9	70.0-130	J J4

Laboratory Control Sample (LCS)

(LCS) R4261188-1 08/14/25 08:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Phenanthrene	2.00	0.297	14.8	70.0-130	J4
Pyrene	2.00	0.314	15.7	70.0-130	J4
(S) Nitrobenzene-d5			13.7	11.0-135	
(S) 2-Fluorobiphenyl			14.0	32.0-120	J2
(S) p-Terphenyl-d14			15.4	23.0-122	J2

L1886209-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1886209-21 08/14/25 10:37 • (MS) R4261188-3 08/14/25 10:54 • (MSD) R4261188-4 08/14/25 11:12

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	1.90	ND	0.141	0.167	7.42	8.79	1	51.0-120	J6	J6	16.9	20
Acenaphthene	1.90	ND	0.174	0.194	9.16	10.2	1	50.0-120	J6	J6	10.9	20
Acenaphthylene	1.90	ND	0.184	0.191	9.68	10.1	1	49.0-120	J6	J6	3.73	20
Benzo(a)anthracene	1.90	ND	0.101	0.104	5.32	5.47	1	49.0-120	J6	J6	2.93	20
Benzo(a)pyrene	1.90	ND	0.0743	0.0758	3.91	3.99	1	50.0-122	J6	J6	2.00	20
Benzo(b)fluoranthene	1.90	ND	0.0745	0.0779	3.92	4.10	1	48.0-120	J6	J6	4.46	22
Benzo(g,h,i)perylene	1.90	ND	0.0461	0.0526	2.43	2.77	1	38.0-126	J J6	J6	13.2	22
Benzo(k)fluoranthene	1.90	ND	ND	ND	0.000	0.000	1	48.0-120	J6	J6	0.000	22
Chrysene	1.90	ND	0.107	0.108	5.63	5.68	1	51.0-120	J6	J6	0.930	20
Dibenz(a,h)anthracene	1.90	ND	0.0473	0.0458	2.49	2.41	1	30.0-130	J J6	J J6	3.22	26
Fluoranthene	1.90	ND	0.135	0.143	7.11	7.53	1	50.0-121	J6	J6	5.76	20
Fluorene	1.90	ND	0.184	0.220	9.68	11.6	1	48.0-120	J6	J6	17.8	20
Indeno(1,2,3-cd)pyrene	1.90	ND	0.0406	0.0463	2.14	2.44	1	39.0-125	J J6	J J6	13.1	21
Naphthalene	1.90	0.402	0.533	0.514	6.89	5.89	1	46.0-120	J6	J6	3.63	20
Phenanthrene	1.90	ND	0.155	0.169	8.16	8.89	1	50.0-120	J6	J6	8.64	20
Pyrene	1.90	ND	0.133	0.140	7.00	7.37	1	49.0-127	J6	J6	5.13	20
(S) Nitrobenzene-d5					10.7	8.05		11.0-135	J2	J2		
(S) 2-Fluorobiphenyl					8.37	10.4		32.0-120	J2	J2		
(S) p-Terphenyl-d14					5.06	5.21		23.0-122	J2	J2		

Sample Narrative:

OS: Duplicate Analysis performed due to QC failure. Results don't confirm; both analyses reported

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4260888-2 08/19/25 18:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acenaphthene	ND		0.0396	0.0500
Benzo(a)anthracene	ND		0.0333	0.0500
Chrysene	ND		0.0347	0.0500
Dibenz(a,h)anthracene	ND		0.0314	0.0500
Phenanthrene	ND		0.0394	0.0500
(S) Nitrobenzene-d5	44.0			11.0-135
(S) 2-Fluorobiphenyl	48.4			32.0-120
(S) p-Terphenyl-d14	109			23.0-122

Laboratory Control Sample (LCS)

(LCS) R4260888-1 08/19/25 18:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	2.00	1.34	67.0	70.0-130	J4
Benzo(a)anthracene	2.00	2.26	113	70.0-130	
Chrysene	2.00	2.45	122	70.0-130	
Dibenz(a,h)anthracene	2.00	2.24	112	70.0-130	
Phenanthrene	2.00	1.71	85.5	70.0-130	
(S) Nitrobenzene-d5			64.5	11.0-135	
(S) 2-Fluorobiphenyl			75.0	32.0-120	
(S) p-Terphenyl-d14			114	23.0-122	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

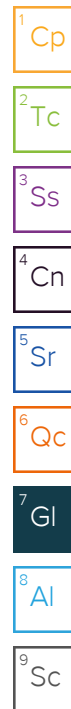
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

## Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.



# ACCREDITATIONS & LOCATIONS

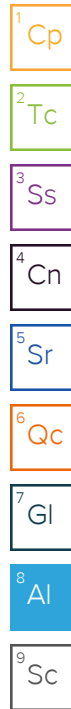
## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1 6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1 4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA -- ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		


<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.





Company Name/Address: <b>S&amp;ME Inc. - Mt. Pleasant SC</b>  620 Wando Park Blvd Mt. Pleasant, SC 29464				Billing Information: <b>Accounts Payable</b> 620 Wando Park Blvd Mt. Pleasant, SC 29464				Analysis / Container / Preservative <div style="display: flex; justify-content: space-between;"> <div>Pres Chk</div> <div> <div style="display: flex; justify-content: space-between;"> <div>8270PAHSIMDSC 100ml Amb NoPres</div> <div>Full TCLP 1L-Clr-NoPres</div> <div>SV8011SC 40mlClr-NaThio</div> <div>SV8270PAHSIMDSC 40zAmb-NoPres</div> <div>TS 40zClr-NoPres</div> <div>V8260SC 40mlAmb HCl</div> <div>V8260SC 40mlAmb/MeOH10ml/Syr</div> </div> </div> </div>				Chain of Custody Page 1 of 1  <div style="text-align: center;">   <b>W886290</b>  <b>MT JULIET, TN</b>  <small>12065 Lebanon Rd Mount Juliet, TN 37122</small>  <small>Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf</small> </div>			
Report to: <b>Mary Beth Cline 843-884-0005</b>				Email To: <b>mcline@smeinc.com</b>				SDG # <b>K209</b>  Acctnum: <b>SMESC</b> Template: <b>T278140</b> Prelogin: <b>P1167919</b> PM: <b>873 - Heather J Wagner</b> PB: <b>KB 7/28</b> Shipped Via: <b>FedEX Ground</b>							
Project Description: <b>I-526 Long Point Road</b>		City/State Collected: <b>Charleston, SC</b>		Please Circle: PT MT CT <b>ET</b>											
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # <b>200424A PHASE 120</b>		Lab Project # <b>SMESC-CLINE</b>											
Collected by (print): <b>David Corry</b>		Site/Facility ID #		P.O. #											
Collected by (signature): <b>David Corry</b>		Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day <b>✓</b> STD TAT		Quote #  Date Results Needed		No. of Cntrs									
Immediately Packed on Ice N ___ Y <b>✓</b>		Sample ID		Comp/Grab		Matrix *		Depth		Date		Time			
SCSPA-TW-03		Grab		GW		8/6/25		1020		8		X			
SCSPA-TW-01		Grab		GW		8/6/25		1110		8		X			
WFBT-TW-01		Grab		GW		8/6/25		1228		8		X			
SCSPA-TW-04		Grab		GW		8/6/25		1312		8		X			
SCSPA-TW-02		Grab		GW		8/6/25		1402		8		X			
Trip Blank		GW		3		8/8/25		8		X		X			
GW		GW		8		X		X		X		X			
GW		GW		8		X		X		X		X			
GW		GW		8		X		X		X		X			
SS		SS		1		X		X		X		X			
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks:  Samples returned via: ___ UPS ___ FedEx ___ Courier				Tracking #							
Relinquished by : (Signature) <b>David Corry</b>				Date: <b>8/6/25</b>		Time: <b>1540</b>		Received by: (Signature) <b>FedEx</b>				Trip Blank Received: Yes/ No <b>3</b> HCL/ MeOH TBR			
Relinquished by : (Signature)				Date:		Time:		Received by: (Signature)				Temp: °C Bottles Received: <b>40</b> <b>TLA9 1.0-0.1=0.9</b>			
Relinquished by : (Signature)				Date:		Time:		Received for lab by: (Signature) <b>Steven Deam</b>				Date: <b>8/8/25</b> Time: <b>9:00</b> Hold: Condition: NCF / OK			

Sample Receipt Checklist	
COC Seal Present/Intact: NP	Y N
COC Signed/Accurate:	Y N
Bottles arrive intact:	Y N
Correct bottles used:	Y N
Sufficient volume sent:	Y N
If Applicable	
VOA Zero Headspace:	Y N
Preservation Correct/Checked:	Y N
RAD Screen <0.5 mR/hr:	Y N

## **Appendix VI – Soil Sample Laboratory Analytical Reports**